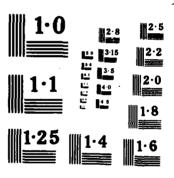
MAXWELL AFB ALABAMA LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCS..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. JUN 85 USAFETAC/DS-85/025 1/4 AD-A159 603 UNCLASSIFIED ML.



ANS TECHNICAL LIEURIN PL 4414 SOUTT AFB IL 62225

18 JUN RECT

AD-A159

DATA PROCESSING BRANCH **USAFETAC** Air Weather Service (MAC)

> "LIMITED SURFACE CASERVATIONS" CLIMATIC SUMMARY '1150CS"

MAKJELL AFB AL

HLEV: 168 FT II 32 23 W 86 22

M. C #722265

MXF

FARTS A-F

HOURS SUMMARIZED:

1100 - 0500 2

FERIOD OF MECO. :

HOURLY OBSERVATIONS: Make 75 - FEB 85

SUMMARY OF DAY Data: LCNE:

TIME CONVERSION GMT TO LST: -6

1 3 JUN 1985

"Approved for mile release, FEDERAL BUILDING ASHEVILLE, N. C. Distribution Unlimited."



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#### REVIEW AND APPROVAL STATEMENT

This report is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

This technical report has been reviewed and is approved for publication.

FOR THE COMMANDER

Wayne E. Mc Collom

WAYNE E. MCCOLLOM Chief, Document Research Section USAFETAC/LDX

REPORT DOCUMENTATION PAGE 1b. RESTRICTIVE MARKINGS 1a. REPORT SECURITY CLASSIFICATION Unclassified 28. SECURITY CLASSIFICATION AUTHORITY 3. DISTRIBUTION / AVAILABILITY OF REPORT Approved for public release; 2b. DECLASSIFICATION / DOWNGRADING SCHEDULE distribution unlimited. 4. PERFORMING ORGANIZATION REPORT NUMBER(S) 5. MONITORING ORGANIZATION REPORT NUMBER(S) USAFETAC/DS- 85 /025 USAFETAC/DS-85/025 6a. NAME OF PERFORMING ORGANIZATION 7a. NAME OF MONITORING ORGANIZATION 6b. OFFICE SYMBOL (If applicable) USAFETAC/OL-A USAFETAC 6c. ADDRESS (City, State, and ZIP Code) 7b. ADDRESS (City, State, and ZIP Code) Pederal Building Scott AFB, IL 62225-5438 Asheville, NC 28801 8. NAME OF FUNDING/SPONSORING ORGANIZATION 9. PROCUREMENT INSTRUMENT IDENTIFICATION NUMBER 8b. OFFICE SYMBOL (If applicable) Bc. ADDRESS (City, State, and ZIP Code) 10 SOURCE OF FUNDING NUMBERS PROGRAM WORK UNIT ACCESSION NO. PROJECT ELEMENT NO. 11. TITLE Onclude Security Classification) MAXWELL AFB ALABAMA (Unclassified) (LISUCS) 12. PERSONAL AUTHOR(S)

14. DATE OF REPORT (Year, Month, Day)
JUN 85 13a. TYPE OF REPORT 13b. TIME COVERED FROM MAR 35 TO FEB 85 15. PAGE COUNT Data Summary

16. SUPPLEMENTARY NOTATION

17.	COSATI	CODES	18 SUBJECT TERMS (Continue on reverse if necessary and identify by block number)
FIELD	GROUP	SUB-GROUP	*climatology *weather
04	02		Meteorological conditions
			(continued over)

19. ABSTRACT (Continue on reverse if necessary and identify by block number)

\_A statistical data summary of surface weather observation climatology for:

MAXWELL AFB ALA BAMA.

This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWO), but is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: PART A, Weather Conditions and Atmospheric Phenomena; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; and PART F, Pressure Summaries. Note that PART B, Precipitation, is omitted. See USAFETAC/TN-83/001 (AD-A132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWOs), for complete descriptions of contents and instructions for use. \_

	21. ABSTRACT SECURITY CLASSIFICAT	ION
□UNCLASSIFIED/UNLIMITED	Unclassifi	ed
220. NAME OF RESPONSIBLE INDIVIDUAL	22b. TELEPHONE (Include Area Code)	22c. OFFICE SYMBOL
Marie Wakefield	(618) 256-2625	USAFETAC/LDD

DD FORM 1473, 84 MAR

83 APR edition may be used until exhausted. All other editions are obsolete.

SECURITY CLASSIFICATION OF THIS PAGE

### UNCLASSIFIED

18. Subject terms cont.

winds precepitation temperature visibility
barometric pressure relative humidity
sky cover psychrometric data ceiling

Limited Surface Observations Climatic Summary LISOCS

MAXWELL AFB ALABAMA
MAXWELL FLD
MONTGOMERY
USAL 722265

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

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OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

## LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARIES (LISOCS)

DEFINITION: A RUSSWO-like set of summaries of hourly observations for the station's normal operating hours.

Hourly Observations: Those record or record-special observations recorded at established hourly intervals.

#### General Comments:

- 1. The hourly data are screened to exclude extraneous or occasional hours outside the normal observing hours.
- 2. A brief description preceeds each summary.
- 3. Summaries containing "TOTALS" and "ALL HOURS" are only from the hours summarized. These values are representative only for the operating hours.
- 4. The monthly and annual "ALL HOURS" summaries are not presented because they are not representative, and would result in meaningless or biased values.
  - 5. There are no "Sky Cover" nor "Sea Level Pressure" summaries for METAR stations.

Table of Contents: AWS Form 2 "Station History"

Part 1: Weather Conditions

Part 2: Surface Winds

Part 3: Ceiling Versus Visibility: Sky Cover

Part 4: Daily High, Low, Mean Temperatures; Max High and Min Low Temperatures; Psychrometric Tables; Mean and Standard Deviation of Temperatures; Relative Humidity

Part 5: Station Pressure; Sea Level Pressure

Standard 3-Hour Groups: All summaries having diurnal variations are summarized in 3-hour periods corresponding to the following sets of hourly observations and limited to normal observation reporting hours (LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0000-1100	2100-2300

Note that the first and last hour groups may or may not contain all three hours. See hours summarized on front cover to determine which hours are included in these two hour groups.

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3 1	Mar 54to Feb 55	Located on the Tower Bldg Same Located 200 ft S of Weathon. Located on top of Bldg ac Weather Station.	ner Stati ijacent t			60 Ft Same 45 Ft 29 Ft					
6 i	Nar 55to Feb 57   Mar 57to Apr 62	Located on Hangar S of Ba ations. Located in Base Control 1		Same	Same Same	80 Ft 78 Ft					

UMBER	DATE	SURFACE WIND EQUIPMENT INF	ORMATION			
OF O <b>CATION</b>	OF Change	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT. ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
7	May 62to	Located 750 ft from the end and 500 ft E of Rnwy 14.	AN/CMQ-11	BO-2	13 Ft	
8	Aug 62 Sep 62to Feb 64	Located 950 ft N of knwy 14,450 ft S from Taxiway A.	Same	Same	12 Ft	
9	Mar 64to Sep 70	Located 750 ft from the end and 500 ft E of Knwy 14.	Same	Same	13 Ft	
ro	Oct 70to		Same	Same	Same	
11	Jul 78	Located 1000 Ft ENE of centerline, 1550 Ft from end of Runway 15.	Same	RO362	Same	
	Mar 84			13.5 (\$4)		
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MAC-5 AFB, 111 68-8975



OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

WEATHER CONDITIONS

PART 1

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented by month by the available 3-hour groups.

Thunderstorms -- All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle--All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) -- Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) -- Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets. (Snow pellets also known as soft hail.)

Hail--Occurrences of hail.

Percentage of observations with precipitation--Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sum of the individual categories may exceed the percentage of the observations with precip.

Fog--Included are fog, ice fog, and ground fog.

Smoke and/or haze -- Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow--Occurrences of blowing snow.

Dust and/or sand -- Included are blowing dust, blowing sand, and dust.

Blowing spray--This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision-Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

Continued on Reverse

NOTE: 1. For METAR stations beginning Jan 68 and Synoptic reporting stations, only the highest order of atmospheric phenomena was reported, recorded on the AWS Forms 10a, and transmitted longline. Beginning Jan 70, METAR stations recorded all atmospheric phenomena on the AWS Form 10a, but transmitted longline only the highest order. For example, if the observation consisted of rain, fog and smoke, only the rain was transmitted longline. Our data base, as a result, contains only rain for that observation. Because of these reporting procedures the summaries for METAR and Synoptic reporting stations are highly questionable in the hourly summaries. This primarily effects the obstruction to vision columns, but may also have minor effects on the precipitation columns.

2. When the value of ".0" appears in the summaries, it represent one or more occurrences amounting to less than .05 percent.

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### **WEATHER CONDITIONS**

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STATION	MAXWELL AFT AL STATION NAME	76-65 YEARS	MONTH JAY

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### **WEATHER CONDITIONS**

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#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

SURFACE WINDS

PART 2

Presented in this part are various tabulations of surface winds as follows:

Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm vs 11 wind speed (knots) increments in Beaufort classifications. Percentages are shown for both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

These tables are prepared for all years combined, by month by available 3-hour groups.

A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

SLUMAL CLIMATCLOSY PRANCH USAFETAC AIR AFATHER SERVICEMAC

### **WEATHER CONDITIONS**

122265	MAXWELL AFB AL	75-84	DI-C
STATION	STATION NAME	YEARS	MONTH

### PERCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND: OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
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### **WEATHER CONDITIONS**

7.22265 STATION	AXWELL ATS AL STATION NAME	7 <u>5-84</u> YEARS	HYNOM
STATION	STATION NAME	YEARS	MONTH

### PCFCLATASE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS : (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & ORI DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND, OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
404	20-0	·										i	
	02-05		·	!		<del></del> _	· 				· · · · · · · · · · · · · · · · · · ·	<del> </del>	
	J4-7H	· · · · · · · · · · · · · · · · · · ·	- <u> 5</u>	<u> </u>			€.5	33.3	12.7			42.7	913
	39-11	• 1	<u> </u>				3.0	12.5	14.5			25.4	897
	12-14	• 1	e • 8	+			я.а	4.5	به وز		<u>-</u> -	9.6	397
	15-17	.4	8.5				3.6	7.1	2.9			9.3	997
	10-2	.4	5.7				3.7	7.2	1.5		<u> </u>	9.0	897
	11-23	• 3	5.1	<u> </u>			ĉ • 1	5.2	2.7			11.5	996
	 <del> </del>										<del>-</del>		
												<del> </del>	
						<u>.</u>					<del></del>		
TOTALS	Ĺ	• 2	€.5				8.5	12.4	6.8			18.3	5297

USAFETAC  $^{\rm PORM}_{\rm AUY.64}$  0-10-5(QL A), previous editions of this form are obsolete

ULUPAT CLIMATCLOSY HANCH USAFETAC AIR MEATHEM SERVICE/MAC

### **WEATHER CONDITIONS**

7.2.265 STATION	MAXWELL	Ars	STATION NAME
SIAHON			31411OH HAME

- <u>4 4 YE</u>

MONTH

### PERCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST)	THUNDER	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
_اعد_		·	•	ļ		! 						:	
	<u> </u>	 	¿.6				2.0	35.6	3.8			43.2	194
	156-73	.1	4.7				4.7	36.5	21.0		<u> </u>	45.8	918
	59-11	. 4	4,4				4.9	3.4	16.5			22.9	927
	17-14	. 4	3.8				3.6	2.8	5.1			3.4	927
	15-17	. 9	4.1				4.1	2.8	ا مذ			6.3	927
	10-25	. 5	4.0				4.5	3.8	3.7	Ì		7.2	927
	21-23	• 5	4.6				4.6	4.9	3			7.6	628
											·		
TOTALS		. 4	4.1				4.1	13.7	9.1			20.2	5448

USAFETAC PORM 0.10.5(0L/A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATOLOGY HRANCH USAFETAC AIN WEATHER SERVICE/MAC

### **WEATHER CONDITIONS**

734255	MAXWELL AFB AL	75-84	< E D
STATION	STATION NAME	YEARS	MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & . OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	& OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	50 <b>-</b> 02										ļ	ļ	
	U3+05	ļ 	5.7				5.7	46.7	40.6			64.6	212
	26-0s		4.7				4.7	37.0	34.6			: =9 <u>.</u> 3	960
	J9-11	• 1	4.0				4.0	5 • 6	36.4			34.1	950
	12-14	1.5	7.4				7.4	2.1	14.3			16.2	•55
	1 c - 17	3.2	6.9				6.9	1.3	13.9			15.2	900
	13-20	2.5	t • 1				5.1	3.2	15.5			19.7	899
	21-23	1.2	4.7				4.7	4 • 2	15.3			18.8	500
	1												
*****													
TOTALS		1.3	5.8				5.8	14.3	24.4			32.6	5311

USAFETAC PORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS PORM ARE OBSOLETE

SEUPAL CEIMATOLOGY PRANCH UNAFETIC AIM WEATHER SERVICE/MAC

### **WEATHER CONDITIONS**

7 2 2 2 6 5 STATION	MARKEL AFE ALTION NAME	75-84 YEARS	A LI C
STATION	STATION NAME	TEARS	MONTH

### PERCENTAGE PREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZÉ	BLOWING		S OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
<u> </u>	30-01									<del> </del>	· · · · · · · · · · · · · · · · · · ·	: 	
	53-35	.5	2.3				2.3	65.8	39.3			79.2	219
	<u> 65-08</u>	.4	2.3				2.5	37.5	49.9		ļ 	. 56.5.	933
	09-11	. 5	1.7			<u> </u>	1.7	3.7	35.6			. <b>د 37</b>	237
	12-14	3.5	4.7				4.7	. 8	25.2	] •	L	. 25	930
	15-17	7.1	6.9				6.9	. 4	23.2	· 	•	. 23.7	930
	18-20	4.4	6.4				6.4	2.3	22.2	•	<del></del>	23.6	929
	21-23	1.1	3.4		-		3.4	3.5	21.0	İ		23.1	620
<u></u>													
	<del> </del>												<u> </u>
TOTALS		2.5	3.9				3.9	16.3	30.9			39.9	5488

USAFETAC  $\frac{\text{PORM}}{\text{JUV }64} = 0.10.5 (\text{OL} - \text{A})$ , previous editions of this form are obsolete

CLURAL CLIMATOLOGY PRANCH USAFETAC AIR AFATHER SERVICE/MAC

### **WEATHER CONDITIONS**

7 22265 STATION	AXWELL AFO AL STATION NAME	7 <u>5-84</u>	 <b>꼭유</b> 봐.
*		<del>-</del>	

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND OR SAND	S OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	Jn-02											4	
	J7-05		1.8				1.8	56.0	51.8			77.1	218
	u6-03	• 5	3.9				3.9	29.2	<u>-1.1</u>			62.2	930
<u>-</u>	09-11	1.4	4.2				4.2	4.4	33.1			75.4	930
	12-14	6.0	6.7				5.7	1.4	23	 	·	24.1	926
	15-17	10.0	9.4				9.4	1.1	20.5		i '	21.7	916
	1ª-2u	7.7	9.0				9.0	1.4	20.0		-	20.8	909
	21-23	4.3	6.8				6.6	2.6	16.5			18.3	606
					-								
												<u> </u>	
TOTALS		4.3	6.3		1		6.0	13.7	30.9			37.2	5435

USAFETAC PORM  $_{AUT.64}^{PORM}$  0-10-5(QL A), PREVIOUS EDITIONS OF THIS PORM ARE OBSOLETE

SLUPAL CLIMATOLOGY GRANCH USAFETAC ALA WEATHER SERVICEZMAC

### **WEATHER CONDITIONS**

7.2.265 STATION	MAXHELL AFS AL STATION NAME	7.5 - 8.4 YEARS	HIND
31211014	oranie i ranie	TEORS .	

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND: OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN.	J0-02												
	03-05		2.8				2.8	52.3	42.1			73.5	219
	u6−08	• 2	2.1				2.1	25.3	44.7			55.3	891
	09-11	. 9	2.9				2.9	2.0	24.9		! 	. 26.2	891
	12-14	3.9	5.2				5.2	6	14.5			15	891
	15-17	<b>e.</b> 0	7.2				7.2	.2	12.5			12.7	891
	10-20	4.5	6.1				5.1	.1	12.7		2	13.0.	891
	21-23	2.2	3.0				3.0	. 7	8.1			8.5	594
TOTALS		2.8	4.2		-		4.2	11.6	22.8		-0	28.8	5263

USAPETAC PORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SECTAL CLIMATOLOGY PRANCH USAFETAC AIT REATHER SERVICE/MAC

#### **WEATHER CONDITIONS**

722265	MAXWELL AFE AL	75-84	
STATION	STATION NAME	YEARS	HTHOM

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

HOURS (LS.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE			HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND: OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
30-02					<del></del>							
o₹ <b>-</b> 05	• 4	4.1				4.1	50.2	?1.0			59.4	219
u6-08	1.0	5.9			<u> </u>	5.9	27.7	32.3			50.2	930
09-11	1.6	5.9				5.9	3.4	21.0			24.2	930
12-14	2.9	5.9				5.9	1.2	13.7			14.5	930
15-17	2.8	6.8			• 1	6.8	.9	12.0		•1	13.0	930
18-20	2.8	5.4				5.4	1.5	12.0			13.5	919
21-23	. 8	4.5				4.5	2.3	7.9			13.1	606
					·							
	25-02 27-05 26-08 29-11 12-14 15-17	(18T) STORMS  26-0.2  37-0.5  9  46-0.8  1.0  29-11  1.6  12-14  2.9  15-17  2.8  18-26  2.8	HOURS (LST) STORMS AND OR DRIZZLE  26-02  37-05  9  4.1  46-08  1.0  5.9  12-14  2.9  5.9  15-17  2.8  6.8  18-20  2.8  5.4	HOURS (U.S.T.) THUNDER AND OR RAIN & OR DRIZZLE  20-22  37-25  94-1  4-1  4-1  4-1  5-9  12-14  2-9  5-9  15-17  2-8  6-8  18-20  2-8  5-4	HOURS (LST) STORMS AND OR RAIN & OR AND/OR SLEET  26-7.2  37-7.5  .9  4.1  36-7.6  1.0  5.9  12-14  2.9  5.9  15-17  2.8  6.8  18-20  2.8  5.4	HOURS (U.S.T.) THUNDER AND OR PAIN 8.0R AND/OR SILEET  26-2.2  37-25  .9  4.1  36-26  1.0  5.9  12-14  2.9  5.9  15-17  2.8  6.8  .1  18-20  2.8  5.4	HOURS (LST) THUNDER: AND OR DRIZZLE RAIN & OR AND/OR SIEET HAIL OBS WITH PRECIP.  36-7.2  37-7.5  .9  4.1  36-7.5  1.0  5.9  12-14  2.9  5.9  15-17  2.8  6.8  5.4	HOURS (LST)   THUNDER   AND OR DRIZZLE   SLEET   HAIL   OBS WITH PRECIP.   FOG	HOURS (LST)   THUNDER   AND OR DRIZZLE   SLEET   HAIL   OBS WITH PRECIP.   FOG   AND/OR HAZE	HOURS (LST) STORMS AND OR RAIN & OR AND/OR SLEET HAIL OBS WITH PRECIP. FOG AND/OR SNOW SNOW SLEET SLEET HAIL OBS WITH PRECIP. FOG AND/OR SNOW SNOW SLEET SLEET HAIL OBS WITH PRECIP. FOG AND/OR SNOW SNOW SNOW SNOW SLEET HAIL OBS WITH PRECIP. FOG AND/OR SNOW SNOW SNOW SNOW SLEET HAIL OBS WITH PRECIP. FOG AND/OR SNOW SNOW SNOW SLEET HAIL OBS WITH PRECIP. FOG AND/OR SNOW SNOW SNOW SNOW SNOW SNOW SNOW SNOW	HOURS (LST) STORMS AND OR RAIN & OR AND/OR SLEET HAIL OBS WITH PRECIP. FOG AND/OR SAND  30-02  37-05  9 4-1  36-06  1.0  5.9  5.9  5.9  5.9  5.9  12-14  2.9  5.9  5.9  1.0  1.0  1.0  1.0  1.0  1.0  1.0  1	HOURS   THUNDER   AND OR   RAIN & OR   DRIZZLE   SLEET   HAIL   OBS WITH   FOG   AND/OR   HAZE   SNOW   SAND   WITH OBST   TO VISION

USAFETAC  $\frac{\text{PORM}}{\text{JULY 64}} = 0.10-5(\text{QL}/\text{A})$ , previous editions of this form are obsolete

SEURAE CEIMATOLOGY PHANCH USAFETAC AIR MEATHER SERVICE/MAC

### **WEATHER CONDITIONS**

7 2 2 2 6 5 STATION	MAXWELL	AFS	A L STATION NAME	7.5 - 5.4 YEARS	4 P D
SIAHON			STATION NAME	TE ARS	MONIA

### PERCENTAGE EPEQUENCY OF OCCURRENCE OF MEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
ALL	00-02												
	03-05											<u> </u>	
	56-7€	1.8	7.8				7.€	23.9	16.:	ļ <del> </del>	.1	33.5	855
	9-11	1.3	5.9			· · · · · · · · · · · · · · · · · · ·	5.9	5.6	12.1		.3	17-1	899
	12-14	1.4	7.6				7.6	2.9	5.2		2	8.1	960
	15-17	1.7	6.3				6.3	1.8	3.8		3_	5.7	900
	19-20	2.2	5.9				5.9	3.2			•2	5.5	381
	21-23	2.6	7.4				7.9	3.5	<u>3.0</u>			6.1	771
						_							
													· · · · · ·
TOTALS		1.3	6.3				6.0	7.0	7.2		.2	12.9	5206

USAFETAC PORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

STURAL CLIMATCLESY RRANCH USAFETAC AIR WEATHER SERVICE/MAC

### **WEATHER CONDITIONS**

7 2 2 2 6 5 STATION	MAXWELL AFB AL STATION NAME	75-84 YEARS	CAM HTMOM
STATION	STATION NAME	YEARS	MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SHOW	DUST AND OR SAND	OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
мда	<u>JB-92</u>												
	03-ns											· · · · · · · · · · · · · · · · · · ·	
	06 <b>−</b> 08	.8	<u> </u>		و •		8.6	28.3	13.5			37.6	969
	9-11	1.1	9.5		• 3		9.5	11.0	11.2			23.9	930
	12-14	1.5	8.4		3		8 • 7	0.6	4.2	<del> </del> <del> </del>	• 5	11.1	930
	15-17	2.9	9.9		• 3		10.2	5.9	3.8	<del> </del>	. 4	9.9	933
	18-20	2.0	10.7	•1			10.8	6.2	2.3		.1	8.2	923
	21-23	1.2	10.6	• 3		<u>.</u> .	11.0	3.8	1.6			13.1	864
TOTALS		1.6	9.6	• 1	٠		9.9	11.1	6.2		. 2	16.3	5446

USAFETAC  $_{MUY.64}^{\text{FORM}}$  0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	-				CON	DITION				<del></del>			
	-												
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA WIN SPEI
N	3	3.7	1.5									7	
NNE	7 7	1.4										4	
NE			1										- 1
ENE		1.4	.7									1.5	
E	1.	2.7	1.4	7								4	٤
ESE		1.7	. 7										
SE	4.1	9	. 3										4
SSE	7.	,	. 2	. 6									1
S	1.1	1.5	1.0	-3								1 4	
55W	1.0	1.1	<b>X</b>	2									
sw	7	1.4	r	دا هـ									
wsw	2.4	2.5	1.4										
w	7.1	. 4 3	3.5									1 2	
WNW	```	2.3	7 7	1.7									$\overline{}$
NW	1.7	2.1	3.3	2.4								, ,	7
NNW		2.0	2 4	1.7									1
VARBL													
CALM	><	$\geq <$	><	><	> <		><	><			><	1	
	-27.b	3.1.1	21_6	6.1	,								-

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATEL ACE AL STATION NAME	-	76-25		MONTH	
	<del></del>	ALL WEAT	THER			HOURS (L S.T.)
		CONDITIO	ж			
r	······································		<del></del>	<del></del>	<del>-</del>	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	, ,	4.3		. 9									4 - 7
NNE	1.4	1.	1									- 4	نمه
NE	1.1		• 1										تعذ
ENE	i • 1	• 4	• 7								1	1	40.
E	1.7		,	6									2 . 4
ESE	•	1.7	• 7	• 2							I	ا عد ا	5.7
SE	•	1		. ?							İ	1.7	6.0
SSE	, 1	£										1.7	9.7
S	2.5	1.7											تمذ
SSW	2. 7	1.2	i,										ئى ب
sw	1.4	. 1										i	- 200
wsw	1.3	1.2											۔۔۔۔
w	7 . 4	3.4	٠		-1	2						7.4	4.4
WNW	1 0	2.7	2.7	- 7									5.7
NW	1.7	1.7	2.7	1.2	. 2							7	7.4
NNW	7	2		1.1	. 1					]		,	4.1
VARBL										i			
CALM		><	><	><	><			$\geq <$				•	
	27.3	. 4 . 8	11.1			,						1	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

18.8 - 1 SECULT 1.66

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	<u>. i. L</u> # f +	STATION	NAME			<del>75-</del>	<del></del>	1	rans				OHTE
					ALL is							:::	
					CI	LASS						HOUR	8 (L
					CON	DITION	<del></del>	<del></del>		<del></del>			
SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	
DIR.	,							<u> </u>					
N	ا نملا		2.5										
NNE	7.6	1.3	1									-	
NE	1.7	9	1									- 1	
ENE	1.5	. 9	7										
E	1 . f.	1.2	1.6	. 5									
ESE		1.4	. 7	-									
SE	-	d	c	_ 1								1	
SSE	- 7			- 1								2	
S	1.1	1.	. 2									`	Г
SSW	1 - 1	1.4	.5	•1					Ì			1	
sw	1.1	- 1	- 1									1.0	
wsw	1 - 1	. 1										1	
w	2.1	2.1	. 3	- 5								4	
WNW	7.45	1.8	2.5	- 3	- 1								
NW	1.4	2.1	1.7	- 7								ذمت	
NNW	2.7	1.9	1.4	1.5	. 1								
VARBL		* * · ·			•					1			
	<u> </u>	<										21.4	_

TOTAL NUMBER OF OBSERVATIONS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		·			č	LASS						HOUB	i <b>s</b> (
	_			- 1	con	IDITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	
N	2.1	3.2	1.7	1									I
NNE	5.04	3.3	4								İ		1
NE	2.7	2.5	- 4	-1									1
ENE	- 4	2.6	9			<u> </u>	,	!			ı İ		
E		2.5	2.5	1.2								1.00	1
ESE	- 6	- 1	• 1										l
SE		4		1	1_							_i	Ι
SSE	7	1.2	3										1
S		1.5	7								i		1
ssw			7										1
sw	1.4		1										1
wsw	1.00	4	. 3		·							1.7	1
w		1.2	2.6	. 7									1
WNW	1.0	2.2	1.,	. 7		L					<u> </u>		1
NW		1.6	1.4			.3.					<u>i</u>		1
NNW		2.0	1.3	5						!		<u></u>	!
VARBL	L												ļ
ī		\ \ \	\ <i></i>			$\sim$		$\sim$	$\sim$		$\sim$	2 4	1

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOITATE	AARILL AFS EL STATION NAME	76-25	YEADE	MONTH
		ALL WEATHER		HOURS (LST.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.1	2.6	7,5									r 7	<u> </u>
NNE	3.	3.5	1.2									- 4	4.4
NE	₹ 5	2.5	1.7	• ?								?•∶	. 4.5
ENE :	3.7	2.4	• ?	• i						-		1.1	9.0
E	7.0	2.5	2.1	1.2								. 4	
ESE		. a	1.1	. 4								7.	
SE	. 7	• •	ρ	• 2								• .	۔ د
SSE		• 3	. 3	• 1									
s	1.	1.1	1.4	• 7								4.	
SSW	1.2	1.3	1.1	• 5	- 1					1			
sw		2	7							· · · · · · · · · · · · · · · · · · ·		7	
wsw		2.1	1.4	- 6								3.4	
w	• .	2.4	2.1	1.6								7.	
WNW	• 7	1.4	1.2	• 3	. 1							4	7.
NW	1.2	1.6	2.9	1.1		. 1							7.
NNW		2.1	1.7	• 7									
VARBL										1			
CALM	$\sim$	> <	><	><	$\geq$	><	><	><	$\geq$	><	><	1 7	
	25.2	23	5	5_9		1							

TOTAL NUMBER OF OBSERVATIONS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	- 70=s;	YEARS	HONTH .
		All si Alités		HOURS (L.E.T.)
		CONDITION	. <u> </u>	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		1 - 1	7.1						<del></del>		1		
NNE	1.4	1.4	1.4									4	
NE		1.		1									
ENE		1.2		, ,									4 - 1
			1.2										
ESE		42.	1.2			: •	·	·					100
SE		1.1				·		•	Ĺ				
SSE .		1.45.	1.2	1	•	! <b>+</b>	·	·		·			
S	1.2.	4.4	1.1	1.2	l		·		; <del>•</del>				1.:
ssw		1.2	<b>. 1</b>	1.1		+			<u> </u>			4-1	7.7
SW		1.4	1.		2.	<del></del>			ļ				1.1
wsw	1	المحاكم	لمحتمد	<u> </u>	<del></del>	<del></del>			·				
w	- 4-4.	1.2.	· <u></u>			<del></del>			·	ļ		-11	
- WNW		. 4	2.4.	_1.3		<del></del>							
NW			-2.5	1-1	!	<del></del>							
NNW _	1 <del>1 1</del>	.2.44		1-3.	<del></del>	·							7.1
VARSL	<del> </del>		ر - با		· • — >>	<del>\</del>	<	<b>—</b>			<u> </u>		
CALM		.>< <u>,</u>		$\geq \leq$	$\leq$		$\geq \leq$	$\geq$		> <	$\sim$	• •	
											-		

TOTAL NUMBER OF OBSERVATIONS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	20.4	المقا	1.4					İ					
NNE	2	1.2	 	1		1							4.
NE .	1.	102	1.1			<u> </u>							_ 4 e
ENE		1.1		4						i		لنعفا	4.
E	1.4	1.7	, ,										مد
ESE	ا کوا	7	1			i						ا سعد ا	7.
SE		. 7	. 4	4					Ì			1 1	
SSE		1.4	- 7	5	1			L				العمنا	
5	1.2	1.0	1.3	. 7								<u> </u>	
ssw	1	1.4	1.1	7	- 1							3	
sw	ن و	1.5	1.1	6	1		<u>.</u>					4.4	<u>_</u>
wsw		2.1	2.4	. 7	1							ائمدا	- 1.
_w		4.7	2.7	2.5								11-1	.7.
WNW	1.2	1.4	2.4	قمل								7	
NW			3.2	3									
NNW	1.2	2.1	3.1	1.2	1							7	7.
VARBL							Ĺ					i	
CALM		$>\!\!<\!\!\!<$	><	><	><	><	><			><	><	11.	
		31.1	24.1	11.8							<u> </u>	1.111.	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 10-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME		YEARS	Б МОНТИ
		CLASS THE W		HOVES (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥ 56	%	MEAN WIND SPEED
N	4 - 1	2.4	1 - 3	- 6	<del></del>	<u> </u>							-4-
NNE	1	1.5	. 7										4.
NE	1.2	1.1										3	خ ذ
ENE		. 7		. 4		İ						2.9	4.
E	-1	2.3	1	. 7								4	
ESE	1.1	. 7	7	. 7								. 7	-
SE		1.0	•	1									- 4
SSE		1.4	. 4	6	- 1							યુદ	5.
_ S _	<u> </u>	1.2	1.3	- 4	-1								٠.
ssw	1.1	1.3	7		···								
sw	1.1	- 4	1			!						1.5	3.
wsw	2.7		1	2								40-	منـــــ
_ w	2	1.4	_1.2	- 4						L		4	5.
WNW	1.	10.1	1.2	7	-1				ļ	!		4.5	L.
NW		2.9	-6	- 5	4	-1							5.
NNW	* 7		1.4		-1				<u> </u>			1.3	مذ_
VARBL										L			
CALM	><	$\geq \leq$	$\geq \leq$	> <	$\geq \leq$	$\geq \leq$	> <	$> \leq$	$\geq \leq$	$\geq \leq$	><	<u>a</u> + • +	
	- N - W	22-3	1 6			_							-

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### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_		-		ALL E	LASS						HOUR	
					cox	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	×	+
N	9.2	2.7	1.5	. ?									•
NNE	7	1.3	1.1					<u></u>					
NE	1.5	1.	• 1							i +	i		
ENE	1.	101	- 4	.1							i		
E	1.	العنا	1.7	9						1			
ESE	7		0	4				<u> </u>			!		1
SE	7	1.2	• 4										j
SSE	1.1	1.7		1	-1	1							1
5	1.	2.1	1.										Ì
SSW	1.1					ļ							į
sw		1.2											_
wsw	1.5				·	L		L					1
w	1			5									į
WNW	1.7	دوا	1.1	. 2	-1	ļ						<u></u>	4
NW	1.	1.7		7	4_			<u> </u>					1
NNW	انعتا	2.7	- 4	1.1								<i>l</i>	1
VARBL										L			1
CALM			·`\								<u> </u>	2.	ſ

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL -A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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NNW VARSL

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	-				ALL - į	ATHER							5 (L 5 Y )
					cor	HOITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		2.1	1.4						···	1			
NNE	2.1	2.2		2									4.1
NE		7.	• 7	• 1									نعور
ENE	1.	2.1	. 7	• 2									2.04
E	1.	2.4	2.1	. 2						Ī			
ESE !	7	• ts		- 5	• 1		1						
SE	1.	• 7	- 5	. 7									Lain
SSE	1.4	1.5	1.	- 1						]		441	4
S		2.1	1.3	. 6								4.7	
ssw	2.	. 9	_ t	. 5									
sw	1.4	. 7		. 2									4.7
wsw		<u>. S.</u>	ŗ	1						L		1	- 4
w	1.7	1 . 1	7.0	. 7		}			i	1			

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

·			<del></del>				<u> 7c</u>	4 4						<u> </u>
STATION			STATIO	N MAME						FEARS				MONTH
			-			غ للم	ATHER						HOU	- 1 ; 8 (L.S.Y.)
						CON	DITION							
		-					<del>-</del>			<del></del>	<del></del>			
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	1	2 7		4	,	-		<del> </del>	_	-	1		
	NNE	1.1		1		• •			1		1			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.4	2.7	1.	4	-1			ļ					
NNE	1.1.		1.	. 2					ļ	:			
NE	3	1											
ENE				- 1			<u> </u>						4
E	1.4		1.4	۲						]			ممن
ESE		1.7	1.4	. 5	. 1		1			i	1	4	دمط
SE	1.	1	;		- 1							4	دمند
SSE		1 - 6	1.8	1.2	- 1								7 a b
\$	1 - 1		2.1	1 - 1						1		,	
ssw	, ,	1 . 1	7.7						T				5.,
sw		1	1 1	,				!					
wsw	1 - 7	1.7		1 . 7.	1			<del></del>		1		, · ·	
w	1		7.7	1 - 4	1				!			,	7
WNW	. 5	1	2.0	1 . 7	1			-					
NW			, ,	1.3	1			1					
NNW	,	3	2 . 4	3			<b> </b>		<del> </del>		t		<del>, ,</del>
VARBL				- 4				1	1			<del></del> ;	
CALM		> <	><	> <	> <	$\geq \leq$	$\geq$	$\geq$	$\geq$	$\geq$			
	, .	44	7.1	12.4	3							1	4

TETER CARREST AND AND A

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	ME WI SPE
N .	1	4	2.1	5						ŀ			
NNE		1.4	1.4	1									_
NE	1.4	1.7	ب در										
ENE	•	1.1	7	1									
E	1.	2.2	1.2	. 3									ر د
ESE	1.1	1.1	1.2	- 3									
SE	ial	1.1	. /		• 1					1		7	
SSE	1.	1.2	1.5	1.0	. 3					(			
S	1.4	1.6	3.7	2.5	. 2					1			
SSW	1.1		3.4	1.2	- 3								
sw	3	2.3	1.5	5	3			!					
wsw	1.2	2.3	2 1	1.4	.1								
w	2.1	1	4:	1.5								144	
WNW	i	1.4	1. ~	1.0	. 2								
NW		1.7	2.4	2.0	. 4							4	
NNW	1.1	1.2	3.2	1.1									

TOTAL NUMBER OF OBSERVATIONS

USAFETAC 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED KNTS: DIR	1 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	. 1	4-1								·			
NNE	1.	1					·		·	•			
NE	1	1		1		! 		·	·	· 	· · · · · · · · · · · · · · · · · · ·	حالمت د.	
ENE								·		<b>.</b>	:		
E		4.4	. la						·	<del></del>			
ESE		1	1.1.		· 	i 		<b>+</b>	i 	•			
SE	<b>.</b>	.ناما	1.1.			<u></u>		+			·		
SSE		1.1.	4.1.	1.3		<u> </u>	·	+	<del></del>				
s .		ومنه	1.4.	105									
55W				i _ t	1	·	·			i			7.
sw _	1	4				·	<b></b>	· • ————	<u> </u>	·			<u></u>
wsw _	1	2.4.		. <u>r</u>				· · · · ·	·	+			
w	1	1	. 443.	_1				·		<u> </u>		1	
www "		1		1.3	1	<u> </u>		: +	<b>.</b>	L			
NW _ 4	بشها	<b></b> .		1.5	·	<b></b>		•		ļ <del></del>			
NNW .				1.5	1	· · · · · · · · · · · · · · · · · · ·		<b>.</b>	·				
ARBL	<u> </u>		اور ، ،	·	· •				! •~	· •	سر	· i	
CALM		$\geq \leq 1$		$\geq \leq$		> <	$\geq \leq$		$\geq \leq$	><			
			, ,								#		

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

BTATION	STATION MAME	YEARS	RONTH
	ALL city	<u> </u>	HOURS (L S T )
	COND	NYA	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	; 11 - 16	5   1	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		4.	1		<u> </u>			<del></del>			İ			
NNE		1.1.					İ					· · ·	· · · · · · · · · · · · · · · · · · ·	
NE		•	·	· · · · · ·					ļ					
ENE														
E	i	1.	3.		2	-1		: 						
ESE		1.	1		· ·	•1	<u></u>	· 	i <b>i</b>	ļ <del></del>	<del> </del>			
SE	<u> </u>	1.	1.	<u> </u>		2	<u> </u>	<u>.                                    </u>	<u> </u>	<b>i</b>				
SSE					:		,		+	•- ·				
_ 5		·	1 .	· 	4	1	<u> </u>	<u> </u>	; •	į			11.4	
\$5W		1.	1_		1		·			 •-				
sw	<del>-</del>	: بالخف			1		+	<del></del>	: •	<u> </u>	ļ		<u> </u>	
wsw	e casta		لاف نان	La	1		·	: +	<b></b>	·	·		: 	·
w	ļ <b></b> .	1.47.	1.	· <b>-</b>		al.	:	<del> </del>	i		·			<del>`</del>
MNM	1.1.2	1	1		<u> </u>		· • — · -——-	ļ	-	: +	i			: •
NW	1 1 1.	. 1.		<del></del>	<u> </u>	1	·			ļ				
NNW	المتعدا	إحسار	1.		1		ļ	Ļ	ļ 	1	· ·		·	
VARBL		<del>-</del>	<b>.</b>				·	! *	<u></u>	! ♣<	L	e		
CALM		$\geq \leq$		$\searrow$		$\leq$		$\geq \leq$					, <b>.</b>	<u>.                                    </u>
									]	I		-	i .	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC THE SAMES CHIA PRESIDES FOLLOWS OF THIS FORM ARE DESOLET

Angle in the second

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#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	<u> </u>	MEAN
DIR.	l		 		<u> </u>			ļ					SPEEC
N .	. i	1						<u> </u>			— .		÷.
NNE	1.2.	1.25.	. شهر				i			:			4
NE	. 1		, ,			1		1					
ENE .		• 7			*		:	!			-		
ε .	1	1.			•		1		1		•		معا.
ESE			-		•		<del></del>				· ·-·	·	
SE	1 -	1.			· · · · · · · · · · · · · · · · · · ·	<u> </u>		<del> </del>				<u>-</u>	
SSE		1 -	! - ! - !		<b>———</b>		†	<del></del>		<del> </del>	•		
s .	1 751					1		<u> </u>	!	<del></del>			
ssw	† <del>-</del> •	<u>. ناهند</u> تاریخ				<del></del>	<del></del>	<del></del> -	<del></del>	·			
SW :	+		<del>-</del>		<del> </del> -		÷	<del>-</del>	1	• · • · · · · · · · · · · · · · · · · ·			.±
· · <del>•</del>	₩~~~~ <u>.</u> . •	-	·			<del> </del>	<del> </del>		<del></del>				
wsw	<del> </del>	الم			<b></b>	<del>-</del>		<u> </u>				<u> </u>	
WNW			•		<del>                                     </del>		<del> </del>	<del></del>				#- <b></b>	
	<u> </u>		i		<del> </del>		<del>i</del>	<u> </u>	<del></del>				1.
NW	ļ +				ļ	<del> </del>	<del> </del>	-	<del></del>			<del>└</del> ╶┷┻┷┆	-3.4
NNW					<del></del>		<del> </del>		<del> </del>		·		
VARBL	<del> </del>	·	<u> </u>		<u>↓</u>	<del></del>	<del></del>		<u>'</u>	-5-	<u> </u>	<del>.</del>	
CALM		~					I ><						

USAFETAC FORM (4-84) (4-84) OC -A 1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		STATION	MAME				· · · · · · · · · · · · · · · · · · ·	···	FEARS				HONTH
					ALL at	11:42				<del></del>			5 (L.S.T.
	-				COM	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 · 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEA WIN SPEE
H	·			_ 3					ļ				
NNE		1.1.		•							-		
NE .								ļ		· · · · · · · · · · · · · · · · · · ·	ļ		-
ENE				1					İ	+	ļ +		-4.
<u>.</u>	<del>+2</del>						ļ	-			<u> </u>		
ESE							: <del> </del>	<del> </del>		<del> </del>	·	1 - 7	<u>-</u>
SSE	1-4		7	-			ļ			-	ļ		
5	1					<del></del>	<del></del>				<u> </u>		-
	ļ <b>4 .</b> č		1-5	2		ļ		<del> </del>	<del> </del> -				
\$5W		1-6	-4					<del> </del> -		<del></del>			<b></b>
sw sw	+ <del></del>						<del> </del>	<del> </del>		-			<del> </del>
- w			2					<del></del>	·	<del></del>	<del> </del> -		<del>  - 2</del>
<b>WNW</b> →			- 4					<del></del>	·	<del></del>	1		-
NW	بشحف							<del> </del>					
NNW	+ <b>-</b>							<del>-</del>		<del></del>	ļ	· <del></del> -	<del>,</del>
YARBL	4 <del>- 1</del> -							<del> </del>	<b></b>	<del></del>			·
CALM				$\overline{}$	$\overline{}$	$\sim$						7.	
·	<del></del>				<u> </u>					-1 v (=) >	r -		!

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME

ALL CLASS

CONDITION

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1	1_2	- 1									•
NNE					• 1								- 4 A
NE	. 1.					Į.							
ENE	1.	1 • 6		• 1								1.	
E			<u> </u>	-1		[	. 1						4.
ESE	i	.:				L							
SE		1.2											
SSE	1	1	1.1					1				1.01	
s	1.	دمنا	3.5	1.1									
55W		: 4	_ 2.2			<u> </u>							
sw	1.	المعال الما	1.6	1									
wsw		3.7	1.3	. 3									4.
w		4 0.3	2.2										
WNW	1.1.1		10.	3		Í			! 				
NW	1-1-1		1.3			i •	<u> </u>						
NNW		1 200	1.	1	 	l		l 					
VARBL	<u></u>												
CALM			><	><							><	, • i	
	3	in a i	. 1 . 4	4.2					T ====:3	<del>-</del>			

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-9-5 -01.-4 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

it in the terminal carbon and the

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

BTATION	<del></del>		A L STATIO	N MAME	 		 	YEARS			 MONTH
					 علم الم	LASS THE W	 		<del></del>		HOURS (L.S.T.)
		_			 	NDITION	 				
ſ	SPEED				1			T	<u> </u>	T	MEAN

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		2 4	1 - 2										
NNE	1 . 9	7	. 3	. 1				1					<del>- 4.</del>
NE	1.1	1.4		1									
ENE	,	3.	- 1									7	
E		1.	٤,									. 189	
ESE	lai	1.4		. 1									
SE	,	1.0	- 3	. 1									
SSE	1.1		1.4										
S	2.4	4.6	1.1	1.1	. 1							11	
SSW	1.	7 1	2.3	. )									
sw	1.2	7.4	1.2	. 2									
wsw			2 -									7.1	
w		4 . 7	7 . 6	- 5		- 1						1	
WNW		1.0	2	. 4								4 7	
NW		1.7											-
NNW	1.7	2.4	1.5	. 2									
VARBL	i				<u>-</u>	<u>,,</u>			1				
CALM			><	><	><		><		><		><1	• .	
	344 44		. 7	- 3					*	···········		_ A _ 2 . 3	

TOTAL NUMBER OF OBSERVATIONS

USA TAC FORM 0-8-2 (UL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PLOCATOLISM WASA

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	A A A L L L L L STATION NAME		YEARS	MONTH
		ALL STATHER	· · · · · · · · · · · · · · · · · · ·	HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		1.5	1.2	2									4.
NNE								1				لعمد	ه د ـــا
. NE		. 1.5	• 3							i 		. 4.2	4.0
ENE		3 • 2					i			i i			هد
E	3.4	3.5	• 5									7.4	ء ئـ
ESE		1.0	1.1							!		2 • 3	5.
SE		. 7	1.1										
SSE	1.	2.1	1.4	• 5							!		3.
\$	1.	3.4	2.2	1.0									
ssw	1.5	2.3	1.6	. 6								7	t. a
sw	2.5	1.2	• >	• 1	.1					i		4.7	. 4.
wsw	1.	2.7	1.7	3									
w	1	3.5	2.7	• 2	. 1							7.00	ه ند
WNW		1.	1.2	- 1								2.7	
NW		1.3	1.0	2									
NNW	1.	1.1	- 2	• 1									4.
VARBL													
CALM	><	> <	> <	><	> <	> <		><	> <	><		i •	
	3.2	. i m = /s	15.8	₹. 9	2					,	·		

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		STATION	NAME			<del>- 7.i, s</del>		1	TEARS.				ion in
	-				ALL -	<del>1788</del> <del>7</del> [⊣⊱3						HÓUR	- - (L 8.7
					COM	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA WIN
N		1-6	- 1	- 2					<del> </del>	:			
NNE													_ <del></del>
NE	4 7 1												
ENE	1.1	2.6											ذ
E	- 3	2.5	5										4
ESE	4	_1.2											· ·
SE	1.1	1.7	3									3 . i	
SSE		لقملا	1.2										4
s	2.4	1.5	1.3	2							······································		
ssw	_1	1.0	3	1						<u> </u>			د
sw	1							ļ. <u></u>	ļ				
wsw	1.								·				3
W	1.4	2.5								<b> </b>			
WNW	إخملات	1-4		-1	1	ļ				ļ			نـــــــــــــــــــــــــــــــــــــ
NW	1.4		9							ļ			4
WNW									<del></del>	<del></del>			
VARSL										<b>L</b>	ار		
CALM	><	><	><	> <		><	> <	><		><	$\geq \leq$	′ •	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				ALL NE	LASS				<del></del>			= 0 1. 1 F (LIST)
					COR	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	لدود			<del> </del>	<del> </del>	-							
NNE		1.1		i	1	· · · · ·			1		ļ · · · · · · ·	7 - 1	- 2
NE	1	• '2		:		i			İ				
ENE	1.	1.4	r.	!						1			ند
E		1.5		<u> </u>						1			. 4
ESE		1.4						i		1			
SE	1.	1.4			_						!		رز
SSE	1.	. 4	٠,										<u>.</u>
S	ن	1.5										7	- 2
ssw	1.	5	<u>. n</u>						I .				4,
sw	ļ			<u> </u>									
wsw								<u> </u>			<u> </u>		
w	la												ن خــــــــــــــــــــــــــــــــــــ
WNW		1.4										1	- 4.
NW	l												
NNW		. 9										l	
VARBL										L .			
CALM			$\sim$				$\sim$						

TAGE

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					coı	IDITION							
SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	<u> </u>	* Y
N		10:	1.4										
NNE		1.0		<u></u>		l						<u> </u>	
NE	<u> </u>	•		<u> </u>									
ENE		1.4	•1							: i	<u>_</u>		
E	1.2	1.2	1.9									<u> </u>	ļ
ESE	<u>                                     </u>	1	. 4		<u> </u>		<u> </u>					. <u> </u>	
SE	1.	1.7	1.3	.1	.1			<u> </u>	<u> </u>			<u> </u>	 <del> </del>
SSE	1.	1.0	1.3	-3			ļ	ļ					
S	1.5		3.5	τ,		1						4_1	_
SSW	1.	1.2		- 3						i .		i	
sw	1.2	. 5	-1				L	ļ					
wsw	l la "	. 7		1				·	ļ				
w	7	1.2							<u> </u>				
WNW	1.7	1.4				ļ				<u> </u>			<u> </u>
NW	1 - 1 -	100	- 4							ļ		<u>"</u>	
NNW	1.	100	• •		-1							ļ <u></u>	ļ
VARBL			~···							<u> </u>	e ,	.l <b>∔</b>	
CALM		$\sim$	$\sim$			$\sim$	$\leq$		$\sim$		><	٠, • ٩	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	7 - S 44 YEARS	монти
		1 1 1 E E	HOURS (L.S.Y.)
		TION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥.56	%	MEAN WIND SPEED
N	, ,	2.3	- 4										4 7
NNE													3
NE		1	- 1									1.1	2.2
ENE	1.	r,	. 1									1.46	3.4
E	1.5	2.1	. 0						ĺ			4 . 4	4
ESE	1 - 1	1.3	• 6								i	, ,	4.3
SE		1.5	- 7	- 1								3.1	5.1
SSE		4.1	1.3							!		4.1	خوذ ـ
S	4.2	3.4	2.6	. 8		-1						11-1	
SSW	2.1		1.7	- 3								1	4
sw		2										2.4	1
wsw		1										4	2
w	,	2.7	- 17	, ,					<u> </u>			7.4	
WNW		2.5		- 3					1				1
NW	1 ,	. 7	. д	2						*			
NNW	1 3	2.3	1.0	- 1							1		
VARBL					·								
CALM	$\searrow \langle$	><	><	> <	> <			><	>		><	25	
		26.4	12-1			,				Z			

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. THE SERVICE TRACE

SSW

WSW

NW NNW VARBL CALM

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	هدفئ	<u>lll áfn</u>	AL				75-			YEARS			- <del></del>	1ÔNTH
		_				CLL bi							<u> </u>	-17
					_	-	LASS						HOUR	8 (L 8.T.)
		_	··· <del>-</del>			cor	DITION				<del></del>			
											<del></del>			
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N	1.	2	1.5	- 13									
	NNE	1.	. 7	1										
	NE			• ~										
	ENE	1.0	1.2											3.
	E	1.	2.4	1.7							· i			
	ESE	, ,	1.7	1.7									ì	D. a.
	SE		1.2		. 4				1	1				5
	SSE		1.4	1.0	ų					1			4 . 3	. ا
	S	1 7	7	11 7	3 . 44	4.			T				,	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION			STATIO							YEARS				MONTH
		_				ALL #	THE S						MOUS	= 1 4 is (U.S.T.)
						col	MDITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N		. 7	, ,			T			-			1	
	NNE	1	1.9	- 3	1						)			
	NE	1.7	1.2	4	1								4	4 - 4
	ENE	3.2	2										4	4
	E	1.4	1.9	1.5									4	N a 2
	ESE	7	1.4	1.2										
	SE	7	1.4	1.7	1	ļ								

	+												- 4
NE	1.7	1.2	. 4	_ 1								- 4	4.4
ENE		2				T						4	
E	1.4		1.0					1					- N. a.2
ESE	. 7	1.4	1.2										
SE	- 7	1.4	1.7	- 1						1			ts a te
SSE		1.7	1.9	1.1		<b> </b>			T	1			
S		3.9	3.3	1.8	- 4	- 1		1	1			1	_ <del></del>
ssw	1.2	4 - 3	4.2	1.0					1				7
sw	ζ.		1.4				1						7
wsw	1 4	1.4	3.0								Į.	, ,	7.
w		2.4	e ·	5	- 5	- 1			<u> </u>			11	
WNW	1.1	9	2.2										7 .
NW		1-5	2.3	. 4				1					7
MMM		1 - 4	2.3	g						1			
VARBL										i :			
CALM		> <	><	><	> <	$\overline{}$	> <					4.	
	14	32.1	117	17	,	,			3		******************* 	1	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

THE STANTAGE STRAIGS AND STANTAGE STANT

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	ALALIL AF AL STATION NAME	75+04	YEARS	MONTH
		ALL WEATHER		HOURS (L S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.1	1 - :-	1.1										
NNE	2.0	2.7	11										
NE	. 2.7	2.3	. 7								1		3
ENE	4.4	3.5		. 1			1					. 1	تعت
E	1	3.7	1.0	• 2							1		5.1
ESE	. 7	1.7	1.5										3.9
SE	7	6.0	1.	. 1						ì	1	1.1	
SSE	1.1	2.1	2.5	. 8					T				و من
S	1.4	2.9	. 2 • "	1.2		Ī						7.4	Lat
\$5W	1.1	1.7	2.3	. 3									نمد ــــــــــــــــــــــــــــــــــــ
sw		1.7	2.2	. 3								4.7	5.0
wsw	1.2	2.4	7.3	3								7	
W	1.0	3.6	1.7	1.5	.2							1	3 - 1
WNW	. 4	1.3	1.4	2									
NW		1.7	1 - 3	1.7						i		4	1.5
NHW		1.2	1 - 1	. 7									4.2
VARBL										i			
CALM	><	$\geq <$	><	><	$\geq \leq$		$\geq$	$\geq$	$\geq$	><	><	₹ • ٢	
	22.7	(n. 3	.6.7	7.3								1.5:	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM (0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	<del>. L L </del>	STATIO	N HAME				- 11.14		TEARS.				номун
	_				ALL	A THER							6 (LET.)
	_												
	_				CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. ,	1.5	1 - 2					<del> </del> -			-	<del>-</del>	<u> </u>
NNE		4								·			***
NE	7 ,	2.45	r.				<u> </u>					7	
ENE	, 4	2.5	2							1		2.2	4.4
E	1.	2.9	. 7							1			4.4
ESE	1.	15	1.1										4.7
SE		2	7	- 1	- 1								-
SSE		1.3	1.7				ļ			<u> </u>		+	
s		2.6		- 1								1	4.4
\$\$W	, ,	1 . 4	- 1:	. 1						·			
sw		1.3	5	1			i			1			
wsw	1	1.6	&&		. 1								
w	1.	1.1	2.0	. 1								,	
WNW		. 7	1.5					!					
NW		. 9	1.1	3									2.7
NNW		1	u							<b>+</b>		······································	, ,
VARBL										·		<del></del>	• <del></del>
CALM		$>\!\!<$	><	> <	><	><		><	><			7	
	,	21 7				,						•	, ,

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		BIATION						'	TEAMS			•	
					ALL w	ATHER							# (L.S.T.)
					COM	DITION							
	_												
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	17 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEA WIN SPEE
<u></u>	-							-					
NNE	1 - 1 - 7	7	2.3								h		<del></del>
NE NE	1 - 1					<b></b>	<del></del>	<del> </del>				* ***	¥.
ENE	+		- 3	. 2						<del> </del>	<del></del>	1	
ε		1.7	1 7	. 1						<del></del>			-
ESE	1			. 2	. 1	<del></del>				<del> </del>			
SE	-,	2 1		. 7						<u> </u>		4	
SSE	1.2	2.1	1.2	- 4									
S	1	5 . 1	2.3	£				<del> </del>				11.2	
ssw	1	2.5	2.1										
sw		. 2	, ,		. 1							1	
wsw	1.2			. 1									
w	1	1.5	7	7	3								-
WNW	1 - 1	2.1		- 1								4	
NW	1 - 5	8		_ 8									
NNW			1.2	3								4.4	-3
VARBL													
CALM		$\overline{}$	$\searrow$	> <								31.	
		$\leftarrow \rightarrow$	$\leftarrow$	$\sim$	$\leftarrow$		$\leftarrow$	$\leftarrow \rightarrow$			$\leftarrow \rightarrow$		

STEACH STATESTAND

### SURFACE WIND:

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	•				CON	DITION							
				-						<del></del>			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MI W SP
N	2.1	1.4	. 5										
NNE			•										
NE	3.71											. 7	
ENE	3.71	6										- 7	
E	1.	1.4	, t										i
ESE													
SE												1.1	
SSE	1.4	1.4									1		
s	9.2											+ . 7	
ssw	2.3												
sw	7.7											- 1	
wsw	1.0											1.7	
w	1.09							Ĺ				1.7	
WNW	اند ال												_
NW													
NNW													
VARBL										<u> </u>	أو ـ ـ ـ ـ ـ ـ ـ ـ		
CALM		><	><	> <	><	> <	$\geq \leq$	><	><	><	$\geq \leq$	£, •	
	\$7	6.9											

TOTAL NUMBER OF OBSERVATION

USAFETAC FORM | 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

A SECULATION OF SECULA

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

					,	LASS							(L.B.Y.)
					con	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEA! WINE SPEEE
N			- 14									1	
NNE	1.04	3.1	,										
NE	4.3	2.4	7									0.0	
ENE	5.5	1.2	4										
E	2.7	1.7											
ESE	1-1	_1	,										
SE	1.1	7	1									1	
SSE	1.5	_1.3											
s	7.												٠
S5W		. 7	الم										
sw	- 1	5	5									4 -	•
wsw	>	_2.5											<u>.</u>
w	2.4	1.7											
WNW		1											
NW	1.1		1	1								1	
NNW	1.7		1							!		1 1 -4-	
VARBL													
CALM	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$> \le$	7.00	
	422		E_6								•		,

USAFETAC 0-8+5 (OL+A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

THE REPORT PRICE COME FAMILY OF THE

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					ALL VE	A LHEA						HOU
	-				CON	IDITION				<del></del> .		
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	4 - 2	2.2										7
NNE		2.0										,
NE	7	2.7	, t			<u> </u>		<u></u>			<u> </u>	
ENE	7 . 4	1.:	1.2									الع ع
E	7.1	1.3	1.1							ļ		
ESE	انها	1.2	<u> </u>									
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SSE	1.	1.5						ļ	<u></u>	ļ		ئەخ
s	2.2	1.7							<u> </u>			4.0
SSW		2.5	1.0					<u> </u>		ļ		1
sw	1-1-	2.9	7					ļ		<u> </u>		
WSW		3.7	1.5					<del></del>	· 	ļ		
W		نعف خ	2.5					ļ	 			
WNW		2				·		ļ	ļ	ļ		
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NNW		inl		2		ļ		<del> </del>		<del> </del>		4
VARBL	<b></b>		<del></del>					·				
CALM	$\sim$	> <	$\sim$	><	$\sim$	$\rightarrow$	><	¦.>≪∴	$\sim$	$> \leq$		

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM (0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CONTRACTOR OF A CO

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				ALL -é	ATHER LASS				<del></del>		HOUE	- 1 (L.8.7.)
	-				CON	NDITION				<del></del>			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND
N			1.1			ļ						7,	
NNE	2		2_	-1		ļ						<u>                                     </u>	4.
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ENE		نعف	7	1								<u> </u>	_4.
E .	1.9	3.6	- 4						ļ <u>-</u>				
ESE	1	1.5	<u>.</u>				<del> </del> -	<u> </u>		<del></del>			<u> 4</u>
SE SSE		10.1								!			-40
- S		1.4	3	2						<u>:</u>		<b></b>	
	1.	3-3	2.0	2		ļ				· · · · · · · · · · · · · · · · · · ·		7-4	
ssw sw	1-1-3	2	1.9							<del> </del>		<del> </del>	
wsw	1.5	300	1.5							<del>                                     </del>		<del> </del>	5-
w		4.2	3.0										
WNW		6.2 2.2	3.1	2						<del> </del>		11.7	
NW	1	7.2	1.1	-1						ļ <u> </u>			
NNW		1.2	7							!			
VARBL			•	**						<del> </del>		<del></del>	
CALM	$>\!\!<$	><	$\searrow$	> <	> <		><	>	>		><	• .	
			19.7	, ,					,	7	·		

USAFETAC  $\frac{\text{FORM}}{\text{JUL-64}}$  0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

IS AL CHIMATCLOSY HANCH District Service/Mac Timberther Service/Mac

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

STATION	STATION NAME	7: 4	YEARS	MONTH
		ALL WEATHER		MOURS (L.S.Y.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
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NE	1.	1.	. ?		*,								3.0
ENE		les	, ,										
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wsw		لتعنا	1.2	1_								ا غام د	
w			7 A.	3								1	
WNW	1.	7.2	1.1	1									4.7
NW	7		- 4	2			1						
NNW	107	2.1	1.1	1									المنا
VARBL			]									<u> </u>	
CALM	><	$>\!\!<$	><	><	><	><	><	><	><	><	><	7.	
	24.3	44.3	17-6	1.7			_ 1			···		,	

TOTAL NUMBER OF OBSERVATIONS

 $\mbox{USAFETAC} \quad \begin{tabular}{lllll} \mbox{FORM} & \mbox{O-8-5 (OL-A)} & \mbox{PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE} \end{tabular}$ 

TOTAL NUMBER OF OBSERVATIONS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		STATION	. NAME		<b>4</b> 1 • 5	AIHER			YRARS	<u></u>			
						LA \$5						HOUR	(L.B.T.)
					CON	DITION							
SPEED (KNTS) DIR.	1 1 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N N	<u>                                     </u>			<del></del>									3, 110
NNE		- +++			<del>- 1</del>				<del> </del>		<del></del>	· · · · · · ·	300
NE				<u> </u>						<del>                                     </del>			- 2-7
ENE	+ +	···		<del></del>									
E	<u> </u>	<del></del>	- 3							<del> </del>			<del>- 2-1</del>
ESE	i								<del></del>	<del>  -</del>		1 - 7	<del></del>
SE			- 4					<del> </del>	<del>                                     </del>				
SSE		- 4	- 4					i					***
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W5W_	4 2	1.2										i ta	5
w	3	1-7											
WNW													
NW	1.1								<u></u>				3-1
NNW	1 - 2	1.3		1									
VARBL													
CALM		><	><	><	><	><	><		> <		$\rightarrow$	50.4	
								>	·>	<b>*</b>	·		_

USAFETAC FORM 101.64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					غ ما ا	STHER .						HOUR	
					CON	DITION	·						
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	_
N													_
NNE	. <u>- 7 e</u> 4 i	- 7							<b>.</b>	<del> </del>		4 <u></u>	
NE	1.7	• 1	• • •						ļ		<u> </u>	·	_
ENE	, <u>1</u>				ļ			ļ	ļ			<b>-</b>	
<u>E</u>	1.1.	•					ļ				<del>!</del>		4
ESE	1								ļ	<del></del>	<del> </del>		4
SE	1.2	1.3							ļ	-	i		_
SSE	1.7	1.1						<u> </u>					_
	ا و نا	3 - 4		- 2			<del></del>		-				-4
SSW	2.7	103	- 3		<del></del>			1	<del> </del> -				-
SW	<del>-</del>				<del></del>				<del> </del>				-
wsw	10:	1.2				ļ		<u> </u>	<del></del>				4
WNW									<del></del>	-			-
h							·	-	ļ				4
NW	1.1.								<del> </del>	<del> </del>			-
VARBL		. 7				<del> </del>		·	<del> </del>	<del> </del>			_
<del></del>		$\overline{}$		$\overline{}$									
CALM	$\sim$	$\sim$	$\rightarrow$	$\rightarrow$		$\sim$			$\rightarrow$	$\sim$		4 / •	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	<u> 158a</u>	LL AF	AL	I HAME		<del></del>		- E u		YEARS				HONTH
		_			<del></del>		ATHER				<del></del>			5 (LS.Y.)
						COI	OITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
<u> </u>	N													***

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N													4
NNE	5, 4									· · · · · · · · · · · · · · · · · · ·			
NE													
ENE	3.7	2.3											3.
E	7.4	2.3											وذ
ESE	2.3	٥											
SE			• (									• 2	
SSE	1.4	-										1.4	
S	1.	• 17		<u> </u>	i –				i			0.0	2.
ssw	7	• 5										١ . ز	- 3.
sw	7.7											5.7	1.
wsw	· ,											3.2	1.
w													
WNW													
NW													
NNW									T				i .
VARBL	•					<u> </u>						•	
CALM		><				> <	>	>	><		><	~,	
	32.1	7.8										10.1.3	

TOTAL NUMBER OF OBSERVATIONS

USAFFTAC FORM (1-8-5 (OL -A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				ALL 4	LASS							- C.
					COM	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE			<del></del>										5
NE	5.7	1.1										4.7	2
ENE	1.3	1.	-1									4	<u>.</u>
E	4.2	2.5	1.2	- 1									
ESE	1 . 7	1	- 4	. ?									
SE	1.5		- 1	. 1									
SSE	1-1	1	- 1										
S	1												
ssw													- 3
sw	7 1		. ₹										2
wsw		1 9	_ 7									7	
w	41		1									7.1	
WNW	2												
NW	. 1	- 3										1.7	
NNW	12		-1										
VARBL													
CALM		$\overline{}$			$\overline{}$			$\overline{}$				77.7	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	STATION NAME  ALL ALD THER														
	_				ALL . a &	A THER							<del>-11+1</del>		
	_				co	DITION	•								
	_									<del></del>					
SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAR		
DIR.		i					ļ				<u>'</u>		SPEEC		
N .	. 4.5	1.2				1				<u> </u>		· · · · · · · · · · · · · · · · · · ·			
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NE		1.1										. 4			
ENE			. 4		!					! •					
E		1.1	1.	.1								ī e i			
ESE		1.5	<u> </u>	. 5	! 							بنوو			
SE		• 9	<u> </u>							i		ئـــــــــــــــــــــــــــــــــــــ			
SSE		, r	- 2	لم		<u> </u>						1.4	4.		
\$	2.7	1.3	ς,							!		9			
SSW	-3	1.5					<u> </u>					المقا	7		
sw	3.1									<u> </u>					
wsw	4.1	3.3													
w	4.3	4.7	1.1									1	مة		
WNW	20.	1.8										40-			
NW	1.7	2.2	1					l				7.9	3		
NNW	بهين	.1.5	. 2										. 2		
VARBL															
CALM			$\overline{}$	$\overline{}$				$\overline{}$		$\sim$		14.1			

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	
N		1.4											Ţ
NNE	2.71	_ 3.3	2				ļ. <u></u> .						1
NE	1	1.7	3										İ
ENE	3.0	2.5											
E	1 - 4	2.4	2.3							!		- 5-4-5	Ţ
ESE	1	1.3	1.0	, r								4.1	T
SE		1.7	τ.					1					Ţ
SSE	9	1.2	4	- 1									Ţ
S	2.4	ĩ.7	1	2									T
ssw	1 . 4	-3.1	2		- 1								Ţ
sw	1	2.3			- 1					1		11 14	Ť
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w	4 - 5	_4.4	2.2	3								11.7	Ī
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VARBL										1		<del>ن د ده</del> ا	1
CALM												٠.,	Ť

CONTRACT STANTO MAS

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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NTS) 1 - 3 4 - 6 7 - 10 11 - 16 17 - 21 22 - 27 28 - 33 34 - 40 41 - 47 48 - 55 ≥ 56 N	
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W 1 - 1 - 3 - 1	لدما
NW 2.4 2.3 .7	40.
ABL .	
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USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
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VARBL										i			
CALM	><1	><	><	> <	> <		><	$\sim$					

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

BYATION	STATION NAME	YEARS	жонти
		ALL ALDER	MOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	<b>%</b> !	MEAN WIND SPEED
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CALM	$\sim$			><	> <			> <		><	><		
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## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOURS (L S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE		1.2						1			•		
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ENE				• ,					<u> </u>			. نوس	ه ذر
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SE	اعما	1.	. 3	• 2								. 7	4.
SSE	1.	1.7										3.6.	
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\$5W	1.						1					1.7	
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VARBL						1							
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#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME

YEARS

NOURS (L S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	. 4-7	3_1.											
NNE		1	<u>. 4</u>									1	<del></del>
NE		1.2						!					
ENE		2.3										7	
E	7.4	, ,	,	1								7	
ESE		- 201										4	4.
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SSE	1	1.1						•					4.
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NNW		· ·	أكبها بداؤ			· ———		·	!	!			
VARBL	ا	<u></u>	ا مر۔۔۔۔	! امر : م	·	ا مر	L	: *				·	
CALM		$> \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	7.	
	6 th = 7											1	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 OL-4 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

25841C: 144C

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

SYATION	STATION NAME	75+14	YEARS	MONTH
		CLASS		NOURS (L S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	. *	MEAN WIND SPEED
N	,	5.1	2									`	- 4
NNE		Sati	1.2	1									
NE	7.,		ų	1									
ENE		4.2	1.1										ماد
Ε	100	204	2.7										
ESE	1.1	1.		1									
SE		101	. 7			Ì				!			-4.
SSE	1.1					ļ							
_ s	1.7	تعلم	1.0									4.1	
SSW	1.5	1.2		3								<u></u>	
sw						<u> </u>	ļ						
wsw	1.7	1.2		2	1		ļ		·				
_w		5.3	- 14	2					ļ				
WNW	1-1-	laz		2		<del> </del>	ļ	ļ				- 404	
NW			3			ļ. —	<u> </u>			ļ <u>.                                  </u>		<u> </u>	
NNW		1.5	1.2	2		ļ	ļ		ļ			4	
VARBL												· 	L
CALM	$\sim$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$> \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$		
	37.	4 7	15										

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION .	<del></del>	ب خد	A L STATIC	ON NAME						YEADS	<del></del>			MONTH
		-				<u> </u>	ATHER LASS				<del>_</del>		HOU	RE (LEATE)
		-				COM	IDITION				<del></del>			
Γ	SPEED	<del></del>	<u> </u>	<del></del>				<u> </u>	<u> </u>					MEAN
	(KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	WIND

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	و شوق	-4-7	7.4									11.1	- 4.
NNE "		5 . 3 .	2.54	1						·		1	
NE	اعتملت	-:-1	1.5	1									
ENE	وقمت	بلمن	1.9							!			
E	1.7	6.2	4-1									1402	
ESE	- 1-1-	2.2	1.5										ء ٺ
SE	i												N. 0
SSE	. 1.4	_1	1	1								7.7	مغد
S	1.2	1.1	1.0									3	
ssw	1.1	2.2	7	1		-1							-5-
sw		1.0	7									7	
wsw	1 - 3	2.3	. 7										4.
w		7 1	v	4									**
WNW		1 . 8		- 1									
NW	1 1	3.7	ā	•	-								
NNW	***,	1 7	1 7	1									
VARBL			***										*
CALM	><	><		><	> <	>	><	$\overline{}$			$\overline{}$	4./	

TOTAL NUMBER OF OBSERVATIONS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	AAN LL AF AL STATION NAME		YEARS	ибыти
		ALL ALAIMES		MOUBS (L.S.Y.)
	4	CONDITION	<del></del>	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.7	2.9	1.6			1						7 . 4	
NNE	أثعطا	4.:	1.3	. 2									
NE		- 200		. 2								2.7	4.
ENE	4	ا ويځ	7.1	. 4								1	٠
E	4.4	7.7	9.9	. 4								17.	فمذ
ESE	2.1	2.6	• ?									ا ده ـــــــــــــــــــــــــــــــــــ	9.03
SE	. 7		. 4	1									
SSE	1.2	1.4	. 7			1						اغمنا	
	1.2	1.	٠,									. 4	4
ssw	1.7	3.	. 4	1									4
SW		- 3	څ و										4
wsw	1.1	1.2	. 3										
w	1.7	1.2										4	4.
WNW	1.1	1.2	7			- 1						1.1	5 1
NW	1.5	1.1											4 . 4
NNW	1	نزه	• 6	1									الماذ
VARBL													
CALM	><	$\geq <$	><	><	> <	> <	$\times$	> <	><	><	><	•	
	3.1	3 . 1	17.3	1 2	,	- u					<del></del>		

TOTAL NUMBER OF OBSERVATIONS

CAN CONTRACTOR OF SANCA TABLE

## SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				COM	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	,
N	4-1-									<del> </del>		#	Г
NNE	1.0	5.2	. 7	. 1								,	
NE	6	4 .	. 7									13.2	i
ENE		. 4	1.3	- 3								12.1	_
E	<b>7</b>	4 - 3	- 2										
ESE	1.9	1.7	1	2								7 7	_
SE	,		1		- 1							1 - 4	$\Box$
SSE	1	ذ	,									1.1	
5	_1.2		1										[
SSW	1		1									1 2 2	
\$W			i									1	
wsw	1.	- 3				•							
w		1.3	1									i	L
WNW	1.7	-3	7									3	
NW	1.1	-3										1.7	
NNW												1 -4	
VARBL													
CALM		$\sim$	$\sim$		$\sim$		$\sim$					27.4	

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## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	<u> YAKSi</u>	LL AEI	STATIO	N HAME				75.	7:- <u>+ 4</u>	 VE.	ARS					GHTH .
		-				ALL	CLASS	1E 8		 		_			HOURS	L (LIBITA)
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SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
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NNE	10.	9.2										1.1	7
NE		3.4										7	3.2
ENE	5.1	3.3										4	3.1
E	2 • 4	5.2										7.5	. 4
ESE	7			. 5								1.9	
SE													يبقق
SSE													2
5	•												i.
ssw													
sw													1.1
wsw		- 5											4.5
w	ر .												2
WNW	1.4	5										1.,	2.5
NW	<u> </u>												2
NNW	. 2												2
VARBL													
CALM		><		><							><	म्य•्र	
	34.4	19.3	1.4	- 5				_ <del></del>				10040	•

TOTAL NUMBER OF OBSERVATIONS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

STATION	TAX WELL ALD AL STATION NAME YES	· Pt	MONTH
	ALL DIA ALVE		HOURS (L S.Y.)
	COMDITION		

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2.1 at 1.2 at 1.	2							30.7	- 2 a
2.1 at 1.2 at 1.	7							30.7	-
1.3 .1	7							20.7	
1.3	7							- 7	مد مئـــ
2.9	,							4	 
2.9	<del></del>								
	<del></del>								
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TOTAL NUMBER OF OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

						A 1 H E -?						HOUR	•
	_				COM	DITION							
SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	1
N												,	_
NNE	~ -	- t.	7										
NE	1												
ENE	2.2	1.3										1.4	
E	•	2.7		2									
ESE	10.	1.9											
SE	1.1	1.1											
SSE		1.1	3									- N	
5	4.2	. 3.3	. 6	-1								ڏه :	
ssw	3.7	-101		-1									
sw	7.7	1.3						Ĺ				4.1	Ĺ
wsw	المت											100	
w		_1								L			_
WNW												1.1	<u> </u>
NW	1	ا ت ا	1								i		
NNW		4	-1									. 1.5	
VARBL										Ļ			
CALM	><	><	><	><	><	><	><	><	><	><	><	77.	ĺ
								1	-	1			

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION MADE

TOWNS (LS.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	. 4.4	ير د										7	
NNE		2.3	5									1	٠
NE	. 1.	2.7	. 1						l				
ENE	1.4	2.4			-							4.	. 4.
E	7	4.3	1.										
ESE		1.3	1.7									. 7	مينـــــ
SE			1.1	•1								لهد	
SSE	1.	2.0	9	-1		.1						4	
5	1	2.3	1.2	. 5	-1							2.0	مند
ssw	1	3_2	a.L.										- 4-
sw		2.7	<u>, , , , , , , , , , , , , , , , , , , </u>										
wsw	2.2	4	1.2										4.
w	. 1	5.4	1.2	1								1.5	4.
WNW	2.4	1.3	- 4									4.7	
NW	1.7	. 9		. 1									٠
NNW	5.1	1.7	- 4									4	
VARBL													
CALM		><	><	><	><	><	><	$\geq$	> <	><	><		
	53.	4.1.	11.0	1 - 2		,							4.

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM (1-8-5 OL -A.) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLES

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#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

						DITION							
						DITION							
SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	
N	4 7	2.7	- f.										$\vdash$
NNE	4 - 1	2.9										7.4	Ī
NE	1.7	2.7	t,										
ENE	1.3	3.4											
E	7.3	5.1	2.7									11.	Γ
ESE	1	3.2		. 4									Г
SE		1.3	<u>.</u>									7	Γ
SSE		2.2	- 6									2.3	
5	1.31	3.5	٥	1									L.
SSW	1-1	2.2						<u> </u>					
sw	1.3	2.7									]		
wsw	2.1	3.8	1-1									7.4	
w		6.2	Я	-1				ļ					_
WNW	1.2	2.4		1									L
NW		1.4											_
NNW	2.7	2.5											L
VARBL												· · · · · · · · · · · · · · · · · · ·	Ĺ
CALM	><	><	><	><	><	><	><	><	><	$\rightarrow$	><	. •	

TOTAL NUMBER OF OBSERVATIONS

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## SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					COM	DITION							
	_	<del></del> .						<i></i>					
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEER
N	, ,	1.4					!					: :	
NNE	7	1.0	• 1						<del></del>			1 2	
NE	3.0	2.3											- 1
ENE	• 1	4.3										1 1	ء د
E		5.3	1.6	• 1								1 3 . 5	4.
ESE	2.1	2.4	1.2	.1						, ,		1	4.
SE	1 ?	1.4	• 1										,
SSE	1.4	2.3	,									3.7	
S	2.0	1.2	- 4									7	
ssw	2.1	1.1	• 3									3.44	. i.
sw	1 3	1.5											3.
wsw	, ,	2.7	• ?										
w	3.	3.4	- 2		1							7.	
WNW		1.3										7.0	
NW	1 . 7	1.4											
NNW		1.1	•										
VARBL												1	
CALM	>	><	> <	><	> <		><	$\overline{}$	>		> <	14.	
	41. (	34.5	57	,					>			1	

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

AGNYH			LARS	¥I	<del></del>	<del>- 75-</del>			NAME	STATION	<del>                                      </del>	
HOURS (L.S.)			<u> </u>			ATHER	ALL HE					
		<del></del>				MOLTID	CON					
% WI SPI	≥ 56	48 - 55	41 - 47	34 - 40	28 - 33	22 - 27	17 - 21	11 - 16	7 - 10	4 - 6	1 - 3	SPEED (KNTS) DIR.
-										,		N
1 - 2										1 . 4		NNE
<del>1 • 1   -4</del>										1 1	3 .	NE
± 4 2										7. 7	6.7	ENE
									1.4	4 - 1	4	E
									- 5	1.2	1.	ESE
										1	1.4	SE
										-6	1.4	SSE
											1	S
										3	1.7	ssw
										-1	-31	SW
أ انت		1							1	- 4	7.	wsw
4-1									:	-1-1	لهجت	w
ناحمت												WNW
<del></del>	<u> </u>											NW
<del></del>												NNW
	<del></del>			<del>- /</del>	<del></del>			<		$\leftarrow \rightarrow$	$\overline{}$	VARBL
1.0	> <		$\sim$	$\geq \leq \downarrow$	$\geq$	> <	><	$\geq \leq$	$\geq \leq$	$\sim$	$\geq \leq$	CALM
											اد دیا	
<del>+ C + 1 - 1 - 1</del>	RVATIONS									1743	44 8 4	

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					ALL mil	ATHER							= () 6 (L.6.
					c	LA \$4						HOURS	8 (L.S
	-				COM	DITION							
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SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	M Si
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		7.3										4	L

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		B18110						,	TEARS				
		<del></del>			ALL e	A THER MASS						HOU	23
	***					DITION							
				·		IDITION							
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SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	1
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wsw		e			ļ							<u> </u>	4
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	3 1 - 4		4 6						· · · · · ·			# : =================================	1
											ERVATIONS		_

USAFETAC Jul 34 0-8-5 -OL-A | PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| Long (4) | 10 L 10 K | 10 L 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K | 10 K |

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

				-	CON	DITION				_			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	ME/ WII SPE
N		2.4	1.7	- 3									-
NNE	- F	2.5						·				7	
NE	ا دُه ځ	3.6									i	17	نـــــ
ENE	ائنماف	4.7	7										
E		3	1.6	1								7.7	4
ESE	-2			1			 <del> </del> -						٠.
SE		4	- 5	2								1	
SSE			2			 						1	
S	1												
SSW													
sw		7				· <del></del>					į	1.1	4
wsw												1.6	
w				2							i	3	4
WNW		101											
NW				1			<u></u>	 			!		
NNW		1.7	-1-2							ļ			
VARBL	<>	<	Ļ	<u>ر</u>					·	Ļ			
CALM	$\geq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq$	$\geq \leq$	$\geq \leq 1$	$\geq \leq$	3.4.	
			٠. ١							ĺ			

SERVICE SERVICE FARC

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					c	ATHE E.						H
	_				CON	IDITION			<del></del>	<del></del>		
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*
						ļ ———			<u> </u>	-		
NNE		- 3.3	3.1						<del> </del>			·
NE ,	7 7		<u>-</u>	1								D
ENE	·	2.2					<u> </u>			<del> </del>		<b>-</b>
E	3.	4.7	1.4	. 7		<del></del>	<del></del>	<del> </del>		<del> </del>		<del>, 1.</del> .
ESE	1 . 4	5 · 5	5.7	• 1		<del> </del>	<del>                                     </del>		<del></del>			
SE	107	1.4	2.5	5		<del>                                     </del>	<del>                                     </del>	<del></del>	<del> </del>			
SSE	1.7	1.5	ده.	. 2			<del>                                     </del>			1		<del></del>
s		1.	- 3							1		
ssw	1		1.0	1								
sw	1.1								<del> </del>			
wsw		1.3	. 4	1								
w	1	2.3	1.2	1					Ī			
WNW		. Y	1.5									
NW			1.4	3								
NNW		1.2	1.2	1								
VARBL							ļ					
CALM	><	><	><	><	><	><		><	><		><	1.

TOTAL NUMBER OF OBSERVATIONS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

 $\mathcal{S}_{\mathcal{L}}(\mathcal{V}_{\mathcal{L}}(\mathcal{V})) = \mathcal{S}_{\mathcal{L}}(\mathcal{S}_{\mathcal{L}}(\mathcal{V}), \mathcal{V}_{\mathcal{L}}(\mathcal{V}))$ 

	_				ALL -E	ATHE D						HOUR	s (clast.
	-				COM	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEA WIN SPEE
N !			2.7									- i -	,
NNE	1.4									<u> </u>		•	<u>_</u>
NE	1.											4-1	٤
ENE		3.4	1.4										
E	_ 4-4		3.9										
ESE	أخمد		1.7	أحد									
SE		1_:	1 - 7										
SSE	1.7	-1.6	1.,										
S	1 - 4	- 2 - 3	2.3	3									
ssw		1 - 7	9	4									
sw		1	1 1										1
wsw	1 - 4											1.4	-
w	- 1		2.7									7	
WNW	1.1	2.5	2.4										
NW	1 - 1	1 - 4	1.3									<u>u 7</u>	
WNW		1.7	2 7	4									
VARBL													
CALM	><	$\geq <$	><	$\geq <$	$\geq <$	><	$\geq \leq$		$\geq \leq$		$\geq \leq$		
	. 21			7.0									

USAFETAC  $\frac{\text{FORM}}{\text{JUL 64}}$  0-8-5 (OL-A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL COLPATOLOGY CHAPCH

## SURFACE WINDS

TELTAG TAFAT FA SENVICEVEAC

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1	4.5	2.4	2									
NNE	3	2.9	7										<del></del>
NE	1.7	1.4	. 3									3	
ENE	3.3	2.0	. 9										4 .
E	2.7	تمف	1.2	^2								11.4	4.
ESE		خونم	1.2	1									
SE		٠, د	. 9	1									ξ.
SSE	1.2	2.3	- 9									4 4	
S	1.1	2.4			1							4.5	
ssw	1.1	1.2				<u> </u>			ļ			1	
sw	1.7	- 5				l 							
wsw		_1.2	3										
_w		2.5	1.1	3								ا تنعت	. 4 .
WNW		1.2	3.6	1									
NW	1.7	202	1.6	2								1 4	
NNW		- : • 9	7 . "					ļ				<u>  </u>	
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	> <	$\geq \leq$	><	$\geq \leq$	><	$\geq \leq$	1	
	اه در	ارس	L <b>7</b> _0	المبل	,							1,	

THE THIRD FLAT A COMMON

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

			<del></del> .		ALL -i	MEN				<del></del>		HOUR	(LBT.)
					cox	IDITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		3.1	1.60										
NNE													- + -
NE					ļ								
ENE													- 3
E		4.5	1.3									1	
ESE		. 2.3	6										٠. ـ
SE	,	1.4	2										
SSE													4 -
5		1.4	1										
ssw													
sw													
wsw													
w		1.1	1										
WNW	- 2 4	1.6											3.
NW	1												
WNN		2.2	G										<u> </u>
VARBL													
CALM	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq <$		> <	43.5	
l	ľ									_			

... AL COMMANDEDSY BRANCH TO TAG

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	EXECUTE STATION HAME		YEARS	
		ALL WEATHER		NOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	3.7	3.2											
NNE	2.1	103											2
NE	2.4	1.0											
ENE	. 1	2.2										4	
E	- 1	3.3	1.9									7.40	
ESE	1.1	1.4	1.3									3.0	مذ
SE		. 3	. 5									1.1	
SSE		. 5	. 3									1.0	4.
S	1.5	1.1	2										
ssw												1.1	3.
sw	1.												
wsw													1.
w	1.1		Ε.	• 2									4.
WNW		0	- 5									1	
NW	1.3	1.2				Ī							
NNW	1.1	2.4	• 2										4.0
VARBL													
CALM	><	><	><	><	> <	><	> <	> <	><	><	><	u	
	24.4	21.2	E J.	2						,	>	1 ( . )	,

TOTAL NUMBER OF OBSERVATIONS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	-				ALL at	A I II is						HOU
	_				coı	DITION				<del></del>		
SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*
DIR.							-					
N			1.1			<u> </u>						
NNE	1 7 7	5.7									!	
NE	4	2.5	1				ļ			ļ. <u></u>		
ENE	4.1	2.3		1								
E		4.6	1.2									1.1
ESE	<u> </u>	لتعل	1_1_	-1								
SE		1.2					<b></b>				i	
SSE	•		- 3									
5			<u> </u>	-1				ļ				
ssw	<u>"</u>							ļ				
SW	\ <u></u>	2								<b> </b>		
WSW	1											
w	Lai	1.5	1.2									4
WNW	1.2	تمل	1.6	2		ļ						
NW		1	• 7	-2				L		ļl		
NNW		1.5	1.2	2								
VARBL	ļ				·					<u> </u>		
CALM	$\sim$	$\sim$	$\sim$	$\sim$	$\sim$							30.0

TOTAL NUMBER OF OBSERVATIONS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34. V - 218 + 3c - 1

	_				Att. +6	AIHE 3			<u>-</u>			HOU	s (sistr
	_				(0)	DITION							
SPEED												Ţ	ME
KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	SP
N	1	- 3	2.1	- 3							·	7	
NNE			-1.5								<u> </u>	1	<u> </u>
NE	7.1	2.2	1.1	1									
ENE	3.7	1.2	7									7	
E	1.7	5.0	7 5									11-6	
ESE		3.7	1.3	1									i
SE		2.6	1.6	2				<u> </u>			I		
SSE	7	2	- 101	4									I
5		1.1	1.7	1.2									
SSW	-1.2		0	2									
sw												1	
wsw	1.2	1.2											
w		1 3	- } -	2								11	
WNW	1	1 7	2-1		,							***	i
NW		1.0	2.0	1.0	•							1	
NNW		1 7	1.2	4							1	4	-
VARBL		3 0 1	100	• •						i			1
CALM												14	1

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM (0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	7t - HH	YEARS	koli vin
		ALL MEATHER GLASS		1 HOURS (L.S.T.)
	<u> </u>	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA! WING SPEEL
N		301	1.7									7.6	4.
NNE		1.7	3	1									ч
NE	1ei		<u>. 4</u>	1									
ENE	1.1	2.7	. 3									.4.1	4
E	2.0	5.1	~ ~										
ESE	1.	3	1.4	•1						!			
SE	1.2	1.7	1.0	2									
SSE	1.	2.5	2.1	. 4								نده ک	
s	1.	2	7.4	2.1	1								
SSW	1.7	1 - 3	1.4	1.3								- 4	1.
sw		1.7	_ /,	, ,									
wsw	1.		. 7	- 1		- 1							
w	1 - 4	7.3	2.2										
WNW	1	1 - 3	2.2	1.0									7
NW		1.2	?.1	1.3				-				/ - 4	
NNW		1.2	3.7	1.2	- 1							<del></del>	
VARBL						<b></b> -							
CALM	><		> <	>	>		>	>	><			1	
	21.4	٠ ١	25 H	<i>C</i> (	2			<u> </u>	>		·		

TOTAL NUMBER OF OBSERVATIONS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		• .			ALL -	LASS						HOUR	8 (LS.Y.
	_				CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	ME WII SPE
N	,	4. 5	, ,									,	
NNE	1	1	1 2					t I			!		1
NE	1 . 7	1	,										
ENE	1 - 2			. 1	-								4
E	. 1	4 - 1	1 - 7	- 4									
ESE	1	1.7	1 - 7	1								4.1	
SE		1 - 4	1 - 3	2									
SSE	1	2.3	1 - 3	-									
S		1	9	1 - 7	- 3	1						5.	
SSW			7	1									
sw			,						L				
wsw	1.2			- 2									-
w		1	1.2	. 7								•••	
WNW	-1-1	1.7	2	1.0									
NW	-1.1	1.0	2.7	4									_
NNW	_2.1	2.3	2.7	8						 		7	
VARBL													
CALM	><	><	><	><	><	><	><				><	1.4.	
											<del></del>	<u> </u>	

TOTAL NUMBER OF OBSERVATIONS

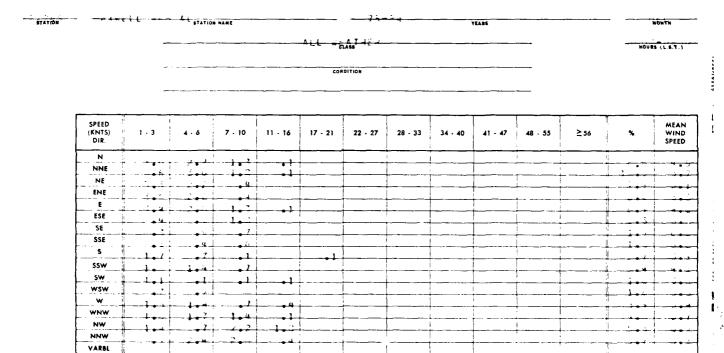
## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				ALL #	AT TOTAL							i (COS)
					CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2-1											
NNE	21.7.,	1.2	- 2					· 					
NE	. 1.2					<b>!</b>			<u></u>	¦ •	<u></u>		
ENE		103					ļ		ļ	·			
_ E									<u> </u>	<u> </u>	: 	المحد	
ESE	1-1-	104	_1.1			<del> </del>			<del></del>	: +			
SE		1.4	1					<u> </u>	L	·	·	ئ <b>ە</b> غــــ	
SSE		1.7	3	3		·		·	ļ			402	
s		1.4	9	1.0		<u> </u>		<u> </u>	<del>}</del>	]			
SSW			1	2					ļ	ļ			
sw							<u> </u>		ļ	ļ			
wsw				L		<u></u>			†				
_w	1	1.4	1										
WNW	- 100	2.1	1.7	1					<del></del>				4.
NW			1.4	2					<del> </del>			7-4	+_
NNW	1-1-4	- 2-1	1.1							<u> </u>			
CALM												·	
- <del></del>			<u> </u>										
		-23-51	لولد	2.7					ــــــ			┸	

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<del></del>	<del>. (                                   </del>	STATION	HAME				·		TEARS	<del></del>		- <del>- 1</del>	LON YH
	_		·		ALL -E	A FIRE 2			·			HOUR	s (i. s.y.)
					CON	IDITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WINE SPEEL
N		2.2.	1 1							i			1
NNE			4							·		7.1	
NE	3. 3.		1								1		
ENE													7
E		•	. 1							!			
ESE											·	** • (-	***
SE	•		101		<del></del>	<del> </del>				i :			<del></del>
SSE		-+								<u> </u>			-
						· · · · · · ·							<del></del>
t													
SSW		<del></del>		*1								<del></del>	+
SW 1						<del></del>						<del></del>	
wsw									· ——	<del> </del>			
WNW		- +++							·				
			-1-1	+-		<del> </del>			·	ļ			
NW		-1								<del> </del>			<del></del>
NNW		2		7									<b></b>
VARBL CALM			~ <u>_</u>										·
											· =		
!!			لدمت			1				ı l	1		

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)



TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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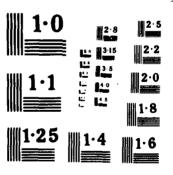
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AD-A159 603	MAXWELL AFB ALAS CLIMATIC SUMMARY TECHNICAL APPLIC USAFETAC/DS-85/0	IAMA LIMITED SURFA ( (LISOCS(U) AIR ATIONS CENTER SCO 125	CE OBSERVATIONS FORCE ENVIRONMENTAL TT A JUN 85 F/G 4/2	3/y ·



E AL CUITMATCLOGY ANNCH ALTAC COLLIATOR SERVICEZMAC

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SYATION	STATION HAME		YEARS	- Signifu
		ALL MI ATHER		HOURS (L.S.Y.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		2.1	3	1.1								بـ	
NNE			1.3					ļ					
NE	<u>,</u>	1				<u> </u>						4.5	بامك
ENE		2.7	1.3						<u> </u>			1 7	3.3
E		4.2	3.7	. 4					L	L		1	3
ESE		2.1	1.3										تون
SE	ادم		1.2	•									نده
SSE			1.1	. 4									6.7
S		1.1	. 7	<u> </u>									
ssw		7	2	- 1					]			7	5.6
sw	1.1	- 1	1										3.4
wsw	1.4	1.7	1.5	٠,								. 1	5.8
w	4	8.0	1	_ R									
WNW	1.1	1 - 9	1	7								4 . 7	<del></del>
NW	1.2	. 7	1.4	1.5								4	7.
NNW	1.:	2.4	1.7	. 7	. 1			<u> </u>					
VARBL												<u> </u>	
CALM		> <	> <	>>	> <	>	$\geq$	$\geq$	$\geq$	><	>	1 1 - 1	
	27-2	. 7	24	<u>.</u>	د								

TOTAL NUMBER OF OBSERVATIONS

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LIN SERT ON SERVICE /MAC

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					CON	DITION				_		
	_						<u>-</u>					
SPEED (KN*S) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*
N	7.5	2.0	2.0	1.1								
NNE	3.1	1 7	1-1		ļ							
NE	1 4	1.1										
ENE	1 - /	2.3	6									
E	اتوز	3.7	2.3	1								
ESE	,	2.4	1.3	1								4.
SE	4	2	1.5	4	<u></u>					<u> </u>		1
SSE	1-6	1.7	2.0	7								
5	1 - 3		2.7									4.
SSW	1-1	1.3	1.6									4.4
sw	1-1	1.0	-1-1				L					
wsw	1 3	1.9	2.0									5.7
w		3.5	-3-1	1-1								1
WNW	لند	1.9	2.5	6						i		
NW	1.2	1.7	2.5	1.1								- 4-4
MNM	1.1	2 - 3	1 - 8	1.6								<u>7</u>
VARBL												
CALM												7

TOTAL NUMBER OF OBSERVATIONS

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L AE CEIMATCEDSY HAARCH HANGTAC AI KEATHER SERVICERRAC

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	75-24	YEARS	NGNYH
		ALL JEATHER CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		2.4	2.1	۲ _ ر									- 5-
NNE	2.3	1.2										3.	2.
NE	1.	. 7											مد
ENE	1.4	1.2	- 4									الموسا	مد
E		3.2	2 . 1	1									4
ESE	1			-1						ì		ias	٤.
SE	. 7	. 9	1.0										5.0
SSE	1	1.6	1.2	- 2								4.5	٠
5	2.3	2.9	2.3	. 9								7.1	5.
ssw	1.7	2	يمد	2								4	ĺ Ś.
sw	<b>4.1</b>	1.1	1.0									4	4.
wsw	1.2	1	7	. 4									٠
w	1.7	3.3	1.5	5									
WNW	1.2	1	2.7		- 1								-
NW	1.2	1.2	1.4	1.1	.1-								7
NNW	1	2.2	2.7	1.3	. 2								1
VARBL													
CALM	><	><	$\geq$	><	$\mathbb{X}$	$\geq <$	$\geq \leq$	$\geq$	$\geq \leq$	><	$\geq \leq$	1	
	27_1	24 0	21 - 3									1,.,,,	

TOTAL NUMBER OF OBSERVATIONS

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION .	STATION HAME	75-44	YEARS	Month.
		ALL MEATHER		HOURS (L.S.Y.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	, ,	• •	7.	,					i				
NNE			2.1									2.1	3.
NE												1 - 1	
ENE		1.2	,										
£	5												
ESE	1.4	- 2 - 3	2	_ 4						İ			
SE		1.0	2										
SSE	1	1_2											
S		2	2.1									.7	
ssw			3			<u></u>							
sw												1	
wsw	1.7			1									
w									<u></u>				
WNW	1 7		1.4	1									-
NW		2-1	2.7									7.1	
NNW		2.5	1.9						ļ •				
VARBL													
CALM	$\geq \leq$	><	><	><	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq <$		><		
	,,,,	24.7	14.	1.0								4000	

TOTAL NUMBER OF OBSERVATIONS

\* HAL CETMATCLOSY PRANCH PROTAC WEATHTM SERVIC ZMAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME		YEARS	- Di C
		ALL MEATHER		1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		CONDITION		
			<del></del>	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.3	3.7	2.5	-1									
NNE	100	2.7	1										3.0
NE	1.7	9									<u>.</u>		7.4
ENE	1.4	1.2	• 1								i		3.7
E	1.3	3.7	1.2								1		
ESE		1.5	1.1							ĺ	!	1 4 4	ندن
SE	ا ذه	- 5	. 5	- 1							!	1.7	5.1
SSE	Ų	. 8	- 5								!	5.2	4.0
\$	2.2	2.2	2 . 4			. 1						7	5.44
ssw	4.5	1.6	1.4	- 1								3.2	5.9
sw	7	- 1										1	2.3
wsw		- 3										1	
w	. 3		. 4										بدمد
WNW	2.1	1.6	1.7	. 1									
NW	1.	2.0	1.3	. 5						1		1.4	5.1
NNW	1.4	2.2	1.0	- 1						t		5.7	- 304
VARBL	***		-							1		1	
CALM		>	$\times$	> <	>>	>	> <	$\geq$	$\geq$	$\geq$		36.4	
	21	25.2	15.1	1.2		- 1						1,	

TOTAL NUMBER OF OBSERVATIONS

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

CEILING VERSUS VISIBILITY

PART 1

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling," versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and the tables are presented by month and available 3-hour groups.

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, For most Airway's stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the 10 mi visibility category should be used with great caution.

For overseas civilian stations reporting "CAVOK", all ceilings greater than 5,000 feet are suppressed into the 5,000 foot ceiling class.

3

GLOBAL CLIMATOLOGY BRANCH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIPILITY FROM HOURLY OBSERVATIONS

(3)

AIR WEATHER SERVICE/MAC

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL PERIOD OF RECORD: 76-85 MONTH: JAN HOURS(LS HOURS(LST): 0600-0800 CEILING VISIBILITY IN STATUTE MILES GE 5 GE 6 GE GF 3 2 1/2 GE GE GE 2 1 1/2 1 1/4 GΕ GE GE GE GE O 5/8 3/4 5/16 1/4 1/2 NO CEIL | 12.8 36.9 38.8 39.8 40.4 40.8 41.7 41.9 43.2 41.9 42.4 42.7 43.3 20000| 13.6 39.U 39.C 43.1 43.5 45.3 45.3 45.8 45.8 46.0 41.2 42.4 43.5 44.6 45.1 45.1 44.3 44.6 46.0 46.3 16000| 13.6 43.1 43.5 45.1 45.1 45.3 44.6 44.6 45.8 45.8 46.0 46.3 45.6 GE 140001 13.7 39.4 41.7 42.9 44.0 44.8 45.1 45.1 45.6 46.3 46.3 46.5 46.9 40.7 44.8 45.2 46.1 46.3 46.3 46.9 46.9 47.1 47.6 47.7 48.1 GF GF 46.2 47.0 47.7 100001 14.0 48.4 48.7 49.6 49.9 50.4 51.1 59.4 50.6 43.5 49.9 51.1 51.9 51.1 51.9 51.3 52.0 51.6 44.2 46.7 47.2 48.5 51.1 90001 14.2 49.1 49.5 50.4 50.6 50.6 51.1 51.4 52.1 GE 80001 14.6 49.6 51.8 53.4 53.9 53.1 53.9 54.2 54.9 54.7 55.4 54.7 55.4 54.8 55.5 55.2 55.9 53.4 GE 70001 15.0 50.3 60001 15.0 53.1 53.5 G.F 47.6 50.9 52.5 54.5 54.8 54.8 55.3 55.3 55.5 56.0 56.0 56.2 56.5 G E G E 5000| 15.4 4500| 15.5 49.7 50.4 53.3 53.9 54.9 55.5 55.5 56.2 55.9 56.5 56.9 57.6 57.2 57.8 57.2 57.8 57.7 58.3 57.7 58.3 57.9 58.6 58.4 59.1 58.4 59.1 58.6 59.2 58.9 59.6 GE 4000 15.7 3500 15.9 51.1 54.9 56.7 58.1 57.3 58.7 57.7 59.1 58.7 60.3 58.9 6J.6 58.9 60.6 59.4 59.4 61.2 59.7 61.5 60.2 62.0 60.2 60.3 62.1 60.7 G F 3000] 16.4 53.5 57.7 59.6 60.2 60.6 61.8 62.1 63.5 63.6 2500| 17.0 2000| 17.1 55.7 58.7 60.2 63.4 62.5 63.2 63.7 65.6 69.1 65.6 66.5 70.0 66.5 79.9 66.8 67.3 70.8 67.3 70.8 67.4 67.9 64.6 68.4 6.5 1800| 17.4 59.9 66.9 67.9 70.2 70.4 70.4 71.3 72.0 75.8 72.0 75.8 15001 17.9 GΕ 62.6 73.7 70.3 71.4 74.1 74.1 74.9 75.1 75.3 76.1 76.7 1200 | 19.1 65.1 71.2 73.0 76.1 78.0 76.7 19.7 80.9 80.7 81.1 83.4 81.6 83.9 81.6 83.9 81.9 82.6 78.6 9001 18.5 66.8 76.4 77.8 81.1 85.5 GE 81.7 82.0 93.0 84.1 83.9 8001 19.5 7001 19.5 74.2 86.3 86.3 87.3 84.1 85.4 **85.8** 86.5 85.0 6 5 67.9 78.5 80.0 81.0 83.8 86.6 87.4 87.7 ... G.F 6001 18. 80.9 82.0 86.4 86.9 88.4 88.5 88.8 89.4 89.5 89.8 90.6 5001 19.5 75.7 76.3 68.0 81.9 87.7 89.4 88.2 90.7 89.9 97.4 92.4 91.4 94.2 91.6 91.8 94.6 92.6 95.3 6 E 79.7 83.0 86.3 90.7 4001 18.5 68.5 80.4 83.8 93.1 3001 18.5 68.8 76.6 80.7 83.0 89.9 90.1 92.7 93.1 96.1 97.5 98.7 A4.1 88.3 90.7 94.2 94.5 96.D 96.7 2001 18.5 AG.7 98.0 1001 19.5 68.8 76.6 90.7 83.0 84.1 88.4 90.1 un. R 93.1 94.6 94.8 97.1 97.5 98.5 00.7 94.6 01 19.5 76.6 80.7 83.0 84.1 88.4 90.1 90.8 93.1 94.8 97.1 97.5 98.5 100.0

TOTAL NUMBER OF ORSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-85 MONTH: JAN HOURS(LST): 0900-1100

												17774 1 13			(631).		
	LING	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •			IN STATE	175 4111	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •
		٠.										SE	GE	GE	GE		
I		GE 1 U	GF 6	6E 5	GE	GE.	GE 2 1/2	GE	GE 1 1/2	GE	GE 1	3/4	5/8	1/2	5/16	GE 1/4	GF O
			-		4						-						_
• • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		• • • • • •		• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
NO	CETE	17.3	40.8	41.7	41.9	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
	*****																
	100002		45.9	47.1	47.3	47.5	47.6	47.7	47.7	47.7 48.0	47.7 48.0	47.7 49.0	47.7 48.D	47.7	47.7	47.7	47.7
	180001		46.2	47.3	47.5	47.7	47.9	48.0	48.0					48.0	48.0	48.0	48.0
	160001		46.2	47.3	47.5	47.7	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
	14000		46.4	47.5	47.7	48.0	46.1	48.2	48.2	48.2	48.2	49.2	48.2	48.2	48.2	48.2	48.2
6€	1 seau f	19.6	47.7	49.1	49.3	49.5	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
	locoul		50.6	52.5	52.7	53.0	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GF	9000		50.8	52.7	52.9	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
G€	80001		53.3	55.2	55.4	55.7	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56 · D	56.0
O.F.	1000		54.6	56.5	56.8	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
G £	ecnul	27.8	56.0	57.9	58.1	58.4	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
U.F.	50001		58.3	60.5	60.7	61.0	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
65	41001		58.8	61.0	61.4	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
υE	40001		59.2	61.	61.8	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
G.E.	3,001		60.1	62.7	63.2	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE	300n t	22.1	62.0	64.6	65.2	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.B	65.8	65.8	65.8
	200.01																
GF	5,001		64.5	67.5	68.1	68.7	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
6.5	Scaul		67.8	70.6	71.5	72.2	72.4	72.6	72.7	12.1	72.7	12.7	72.7	72.7	72.7	72.7	72.7
G.E	1900		69.1	12.3	73.1	73.8	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE	15001		71.5	15.2	76.5	77.3	77.6	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78 • 2	78.2	78.2
ج دا آ	1500	24.0	73.3	77.7	79.1	80.1	80.5	01.3	81.6	81.8	A1.8	81.8	A1.8	81.8	81.8	81.8	81.8
c =	1 book		•												A 11 P		
G E G F	10001	24.4	74.4 75.9	79.4 81.6	R1.1 R3.4	87.3 84.8	82.9 85.6	83.8	P4.3	84.5	84.5 87.6	84.5 87.6	84.5 87.6	84.5 87.6	84.5 87.6	84.5 87.6	84.5 87.6
_								86.7	87.4	67.5	90.2						
υĹ		24.4	77.U	83.0	85.4	87.0	98.0	89.2	A9.9	90.0		90.2	90.2	90.2	90.2	90.2	90.2
5 E		24.4	17.3	A3.4	P5.4	87.8	88.7	90.0	90.9	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE	1001	24.4	77.7	84.0	R6.6	88.9	89.9	91.2	92.1	92.7	92.6	97.6	92.6	92.6	92.6	92.6	95.6
	F 1. O. 6	34 4	10 3		0.7					0			95.5				95.5
6E GF		24.4	78.2 78.3	84.5 84.7	87.4 Pe.U	89.9 90.5	91.3 92.0	92.9	94.1	94.5 95.6	95.2 96.5	95.5 97.3	97.3	95.5 97.5	95.5 97.5	95.5 97.5	97.5
-		24.4									97.2		98.2	98.6			98.6
GE GE		24.4	78.3	84.6	AR.1	90.7	92.1	93.9	95.3	96.2		98.2			98.6	98.6	
9 E			78.3	84.8	88.1	90.7	92.1	93.0	95.4	96.3 96.3	97.4	99.6	98.6	99.4	99.5 99.7	99.5 99.7	99.7 100.0
19 E.	100,1	24.4	78.3	84.6	96.1	90.7	92 - 1	93.9	95.4	70.3	41.4	94.6	98.6	77.5	44.1	44.1	100.0
6F	n l	24.4	78.3	84.8	88.1	90.1	92.1	93.9	95.4	96.3	97.4	98.6	98.6	99.5	99.7	00 7	100.0
G F	13	24.4	10.3	n 4 . n	77.1	411.1	42.1	A 2 * A	45.4	A0 * 2	41.4	94.6	A4.0	44.5	44.1	44.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 968



GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCUMPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

STATION NUMBER:	722265	STATIO	ON NAME:	MAXW	ELL AFR	AL				PERIOU MONTH		ORD: 76 HOURS	-85 (LST):	1200-14	00
CEILING	•••••	• • • • • • •	• • • • • • • •	• • • • •	• • • • • • •			IN STATE			• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •
IN   GE	6 E	GE	GE	GE	GE	GE	ĠΕ	GE	GΕ	GE	GĘ	GE	GE	GE	SE
FEET   10	6	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	0
•••••	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
NO CETE 1 23.3	47.9	48.0	48.1	48.1	48.2	48.7	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 200001 25.2	52.1	52.2	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GF 18000  25.2	52.4	52.5	52.6	52.6	52.7	52.7	52.7	52.7	52.7	57.7	52.7	52.7	52.7	52.7	52.7
GE 16000 25.2	52.4	52.5	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 14000  25.6	53.3	53.4	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 120001 25.7	54.3	54.4	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 100001 26.9	57.8	57.9	58.0	54.0	58.1	58.1	58.1	58.1	58.1	54.1	58.1	58.1	58.1	58.1	58.1
GE 90001 27.1	58.3	58.4	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 8000 27.4	62.6	62.8	63.0	63.D	63.1	63.1	63.1	63.1	63-1	61.1	63.1	63.1	63.1	63.1	63.1
GE 70001 27.5	63.9	64.2	64.4	64.4	64.5	64.5	64.5	64.5	64.5	60.5	64.5	64.5	64.5	64.5	64.5
GE 60001 27.8	64.5	64.7	64.9	64.9	65.1	65.1	65.1	65.1	55.1	65.1	65.1	65.1	65.1	65.1	65-1
GE 50001 29.1	65.7	66.1	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 45001 28.4	66.5	66.9	67.1	67.1	67.2	67.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 40001 28.5	67.6	68.0	68.2	69.2	68.3	68.3	68.3	68.3	68.3	64.3	64.3	68.3	68.3	68.3	68.3
GE 35001 28.9	69.6	70.2	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GF 30001 29.3	71.9	72.6	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GF 25001 29.4	74.3	75.1	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 20001 29.7	78.7	79.6	80.2	80.4	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 10001 29.8	79.8	80.7	81.5	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
6E 1*001 30.0	81.2	82.4	R 3 . 4	83.9	84.0	84.3	84.4	64.4	R4 . 4	84.4	84.4	84.4	84.4	84.4	84.4
6F 120N1 3N+3	A2.7	84.6	85.3	86.1	86.4	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
SF 10001 30.3	43.6	85.4	R6.9	88.0	88.3	89.3	89.7	89.R	R9.9	67.9	89.9	89.9	89.9	89.9	89.9
SE 9001 37.6	85.2	87.2	P8.9	90.1	90.4	91.6	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
a.ct   frug   10	85.4	87.8	89.6	90.9	91.2	92.5	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
6f 7UN  30.6	95.7	88.5	70.6	92.2	92.6	93.A	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
6E (001 30.6	86.2	89.0	91.1	93.1	93.5	94.7	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
6F 5001 30.6	96.5	89.9	92.2	94.3	94.7	96.0	97.1	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5
JE 4091 30.6	96.6	99.1	92.5	94.6	95.3	96.7	97.9	98.1	98.5	98.8	98.8	98.8	98.8	98.8	98.8
65 3001 30.6	86.6	90.1	92.5	94.6	95.3	96.7	98.0	98.3	99.2	99.7	99.8	99.8	99.8	99.8	99.8
5E 2001 30.6	86.6	90.1	92.5	94.6	95.3	96.7	98.0	9A.3	99.2	90.8	99.9	100.0	100.0	100.0	100.0
PE 1001 30.6	86.6	90.1	72.5	94.6	95.3	96.7	98.0	98.3	99.2	99.A	99.9	100.0	100.0	100.0	100.0
6f P  30.6	86.6	90.1	92.5	94.6	95.3	96.7	78.0	98.3	99.2	99.4	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF ORSERVATIONS: 99

GLOBAL CLIMATCLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VFRSUS VISIBILITY
FROM HOURLY OBSERVATIONS

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STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL PERIOD OF RECORD: 76-85 MAN : HTMPH HOURS(LST): 1500-1700 CEILING VISIBILITY IN STATUTE MILES GE S IN FEET SE 5E 6 GF 4 GE GE 3 2 1/2 GE GE GE 2 1 1/4 GE 1 GE GF 10 0 49.4 49.3 49.3 NO CEIL | 23.6 48.7 49.9 49.3 49.3 49.3 49.3 49.3 49.3 49.3 49.3 49.3 49.3 GE 20000| 26.2 GE 18000| 26.2 54.9 54.9 55.2 55.2 55.5 55.5 55.6 GE 16000| 25.5 55.7 56.0 56.0 54.0 56.0 56.0 56.0 56.0 56.0 56.0 56.0 56.0 G.F. 56.7 56.7 140001 26.9 56.0 56.4 50.6 56.7 56.7 56.7 56.7 56.7 56.7 56.7 56.7 56.7 56.7 58.2 60.3 60.7 GF 100001 29.7 GE 90001 29.7 60.3 60.7 60.3 60.3 60.7 60.3 60.7 60.3 60.0 60.3 60.3 59.6 60.3 60.7 60.7 60.2 60.3 60.3 60.0 60.7 80001 29.9 64.6 64.9 64.9 64.9 64.9 64.9 64.9 64.3 64.8 64.9 64.9 64.9 64.9 64.9 GE. 64.9 7non1 30.0 66.0 66.2 66.3 66.3 66.3 66.3 66.3 66.3 66.3 66.3 66.3 66.3 60001 30.3 66.5 67.0 67.2 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 G E G F 5000| 4500| 30.6 30.7 68.1 68.5 68.5 69.0 68.9 69.3 69.0 69.0 69.4 69.0 69.4 69.0 69.4 69.U 69.U 69.4 69.0 69.4 69.0 69.4 69.0 69.4 69.0 69.4 69.0 69.4 69.0 69.4 GE 40unl 31.0 70.5 70.9 71.3 71.4 72.9 71.4 72.9 71.4 72.9 71.4 72.9 71.4 71.4 71.4 71.4 71.4 71.4 71.4 71.4 35UN | 72.0 scant 31.6 74.0 77.3 81.1 18.0 92.0 78.6 82.5 78.6 82.5 78.7 83.2 78.7 83.2 78.7 83.2 78.7 83.2 83.9 79.7 83.2 78.7 83.2 78.7 93.2 78.7 83.2 78.7 83.2 25001 31.6 31.9 76.7 79.8 78.7 83.2 Znuol #2.6 #4.6 1.5 10001 31.9 90.4 81.6 83.2 83.2 83.9 83.9 83.9 81.9 93.9 83.9 83.9 83.9 83.9 15001 31.9 85.9 6.6 83.2 86.1 85.1 46.1 91.6 85.1 85.1 86.0 86.1 R6.1 96.1 86.1 86.1 12001 89.4 91.3 92.4 89.4 91.3 92.4 10001 84.4 85.1 86.9 89.4 98.7 91.2 91.2 91.2 91.2 93.1 91.2 93.1 91.2 93.1 90.5 90.9 92.4 93.6 92.8 93.9 93.0 93.1 9071 32.1 89.7 94.4 ΒF egn| 32.1 91.1 94.1 94.3 94.4 74.4 94.4 95.3 94.4 G.F 7001 32.2 85.8 92.0 93.6 93.6 94.8 95.2 95.4 95.6 95.7 95.7 95.7 95.7 95.7 95.7 υE 6001 89.7 97.3 97.3 92.9 94.7 96.2 97.0 97.3 96.5 5001 95.2 95.2 95.2 89.7 96.8 96.8 96.8 32.2 96.1 96.1 92.9 95.5 97.5 98.1 98.3 98.5 99.0 98.5 98.5 98.5 98.5 98.5 92.9 65 4001 32.2 3001 32.2 99.0 99.5 99.0 99.0 95.5 77.6 98.3 98.6 99.0 89.7 92.9 99.4 99.5 ьE 96.1 95.5 97.6 98.5 99.0 99.0 zani 32.2 89.7 92.9 99.5 99.5 99.7 1001 32.2 86.1 89.7 92.9 95.2 95.5 95.8 97.6 98.5 99.1 99.7 99.7 99.8 99.8 99.9 100.0 äΕ 01 32.2 86.1 89.7 92.9 95.2 25.5 96.8 91.6 43.6 29.1 99.7 29.7 99.8 99.8 99.9 100.0

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TOTAL NUMBER OF OBSERVATIONS: 987

GLOHAL CLIMATOLOGY GRANCH USAFLTAC AIP WFATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PEPIOD OF RECORD: 76-85 MONTH: JAN HOURS(LST): 1800-2000 STATION NUMBER: 722265 STATION NAME: MAXWELL AFR AL

CFI	L Ihb	• • • • •		• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •			IN STAT			• • • • • • •		•••••	• • • • • • •	•••••
1		6E	GE	6 E	G.E.		GF	GE	GE	6Ł	GE	. GE	GF	GΕ	GE	GE	6 E
F F,	E1	10	5	٠,	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	O
• • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •
<b>N</b> O	CEIL I	21.9	51.5	52.0	52.4	52.9	52.8	52.8	52 • ₺	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
	aucort		54.3	54.7	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
	18000		54.3	54.7	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
	160001		54.6	55.1	55.5	55.8	55.8	55.8	55.8	55.8	55 • 8	55.9	55.8	55.8	55.8	55.8	55.8
	140001		55.2	55+6	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
G.	75000	24.2	56.6	57.1	57.5	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
0.5	iccort	25.0	58.7	59.1	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
SE	90001	25.1	59.0	59.5	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
o E	80001	25.7	62.1	62.8	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
·> [	70001	26.4	63.2	63.9	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
G F	4 nun1	26.A	63.7	64.6	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
; r	5000 <b>I</b>	:7.4	65.5	66.6	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
ČE		27.4	66.2	67.4	68.u	68.3	68.3	68.3	68.3	68.3	68.3	69.3	68.3	68.3	68.3	68.3	68.3
6 F		27.4	61.3	68.8	69.4	69.8	69.8	69.A	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
'> E		27.6	68.6	70.0	70.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
- y F		.7.8	71.7	73.2	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
			-		=						• •						
5F	25001	29.n	74.4	76.A	77.8	78.4	78.4	78.4	78.4	78.4	78.4	7 R . 4	79.4	78.4	78.4	78.4	78.4
's F	aruni	3 A . K	7 R . 2	80.5	P1.7	87.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
19.8	18001	. 9.6	79.1	81.5	82.7	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
٦,		29.7	P1 • d	84.0	°5.5	85.5	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	A6.6	86.6	86.6
, E	12601	. A . 7	A 2 + U	45.5	97.1	A7.9	9 e . O	88.1	88.2	88.2	P8.2	88.2	88.2	88.2	A8.2	88.2	88.2
51	irori	7	42.0	97.,	98.9	87.7	Ao.B	90.5	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7
9,€	900	:4.7	A 3 . H	80.3	20.1	97.9	91.0	91.8	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3
» <del>(</del>	FUT	23.7	B 3 . ₩	58.4	20.5	91.5	91.6	92.4	92.8	92.8	93.1	97.1	93.1	93.2	93.2	93.2	93.2
⊕ F	7110	. 1.7	44.2	AF.U	90.9	92.4	92.5	93.3	93.8	93.A	94.0	94.0	94.0	94.1	94.1	94.1	94.1
۰, ۲	1651	. 4. 1	04.6	89.,	31.6	93.5	93.8	94.9	75.6	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0
1,5	*1.01	. 9 . 7	04.h	89.7	92.2	44.4	94.5	96.3	96.7	97.4	97.7	97.1	97.7	97.8	97.8	97.8	97.8
G.E		9.7	44.9	A 7 . F	9, 4	94.4	95.2	96.7	97.4	97.8	98.3	99.4	98.4	98.5	98.5	98.5	98.5
		20.7	04.5		25	95.1	95.5	97.2	97.8	98.3	98.8	99.0	99.2	99.4	99.4	99.4	99.4
is r		1.7	14.5	89.F	92.5	95.1	25.5	97.2	97.8	98.3	99.1	99.3	99.7	99.9	100.0	100.0	100.0
r, r		24.7	Ви	но.ь	92.5	95.0	95.5	97.7	97.8	99.3	99.1	99.1	99.7	99.9	100.0	100.0	100.0
r <b>F</b>	a <b>1</b>	25.7	44.5	A7.F	9.5	45.11	35.5	97.2	97.8	48.3	39.1	92.1	29.7	00.0	100.0	100 -	100 0
					- 4 • 4	4.7.1	42.5	41.07	41.8	75.5	.4.1	44.	.4.1	44.4	100.0	1001-0	100.0

TOTAL NUMBER OF OBSERVATIONS:

GLUBAL (LIMATOLOGY RRANCH USAFLTAT AIR WEATHER SERVICE/MAC PERCENTAGE FRESUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 7722765 STATION NAME: MAXWELL AFR AL

PERIOU OF RECOPD: 76-65 MONTH: JAN HOURS(LST): 2100-2300 - 1

												MONTH	: JAN	HOURS	(LST):	2100-23	no .
• • •	• • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •			• • • • • • •			• • • • • •			• • • • • • •	
	IL ING						_			IN STATE							
		GE	GF	GF.	GF	GE	6 F	GE	GF	GE	G E	5 E	GF	GE	GE	GE	G E _
	E 1	1 16		5	4		2 1/2		1 1/2		1	374	5/8	1/2	5/16	1/4	0
• •	• • • • • •		• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		• • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		• • • • • • •	
1.0	CEIL	ı n e	51.7	52.1	52.4	52.7	52.7	52.9	52.8	52.A	52.8	52.8	52.8	53.0	53.0	53.1	53.1
		2 11 2 11	.,.,	37 • 1	72 • 4	32 • 1	36 • 1	32.00	32 • 0	32 • "	JZ • 0	36.0	27.0	33.0	93.u	33.1	33.1
	26,000	125.0	54.8	55.1	55.5	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.2	56.2
	18000			55.1	55.5	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.2	56.2
J.E	16000	23.2	55.0	55.4	55.7	56.0	56 . D	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.4	56.4
	14000			56.0	56.4	56.7	56.7	56.A	56.8	56.8	56.8	55.8	56.8	56.9	56.9	57.1	57.1
f, F	Laren	24.3	56.9	57.3	57.6	59.0	56.0	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.3	58.3
65	10060	. 4.4	58.3	5 A . 7	59.0	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.7	59.7
is E	9000	24.4	58.3	58.7	59.0	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.7	59.7
5 E	8,000	24.9	63.4	60.9	61.3	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	62.0	52.0
6 F	100 m	6.1	61.6	67.2	52.5	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.3	63.3
6 F	6001	26.2	62.1	62.6	63.0	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.8	63.8
60		26.7	63.2	63.E	54.1	64.7	64.7	64.9	64.8	64.8	64.8	64.9	64.8	64.9	64.9	65.0	65.0
(		27.1	64.4	65.0	55.4	65.9	65.9	66.1	66.1	66.1	66.1	66.1	46.1	66.2	66.2	66.3	66.3
₹• F		7.1	65.4	66.6	67.3	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.B	67.8	67.9	67.9
ıί		27.1	66.5	67.8	68.1	68.7	68.7	68.8	58.8	68.8	68.8	6 a . B	68.8	68.9	68.9	69.0	69.0
G F	3000	27.2	68.8	70.5	71.0	71.6	71.6	71.A	71.8	71.8	71.8	71.A	71.8	71.9	71.9	72.0	72.0
54		27.A		75.2	75.9	76.9	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.1	77.1
4,4		34.1		79.C	79.1	80.9	80.9	81.0	B1.0	81.0	R1.0	81.0	R1.0	81.1	81.1	61.2	81.2
', F		28.1		79.7	80.5	81.7	A1.7	81.A	81.8	81.8	81.8	81.8	91.8	81.9	A1.9	82.0	82.0
to F		1 28.2		82.6	A 3.9	85.1	85.1	85.2	85.2	85.2	A5.7	85.3	A5.3	85.4	R5.4	85.5	85.5
ÞΕ	1500	28.4	91.5	84.2	P5.9	87.1	87.1	87.2	e7 • 2	87.7	A7.2	87.4	87.4	87.5	87.5	87.6	87.6
r, r	154.5	1 20.6													•••		•••
GE		29.6		86.0 87.5	88.U 89.7	89.3 91.7	A9.3	89.4	89.4	87.4	99.5	80.5	89.6	89.7	A9.7	89.9	89.9
:,F		) (7.6 ) (8.6		89.0	91).5	91.9	91.U	91.3	71.5	91.5	91.6	91.7 92.8	91.7 92.8	91.8	91.8	91.9	91.9
9.6				8R.6	91.3	22.7	92.7	93.4	92.6 93.8	92.6 93.8	34.0	94.1	04.1	92.9 94.2	94.2	93.1 94.3	93.1 94.3
f, F		29.6		89.4	92.1	94.1	94.1	94.9	95.4	95.6	95.8	95.9	25.9	96.0	96.0		
.,,	,,.	2 - • 11	*****		*. • •	*** 1	74.1	74.7	43.4	73.0	43.0	****	* 7 • *	40.0	40.0	96.1	96.1
1, 5	r an	1 (8.6	86.3	89.9	92.7	94.6	94.8	95.4	96.4	96.5	96.8	97.2	97.2	27.3	97.3	97.4	97.4
, r		29.6		99.6	2.8	95.0	95.2	95.0	96.9	97.0	97.5	97.9	97.8	97.9	97.9	98.1	98.1
G, F		23.6		90.0	72.9	95.3	25.6	96.6	97.6	97.8	98.3	99.6	98.6	99.2	99.2	99.3	99.3
1, F		. 4.6		9() • (	າຸ້	05.3	05.6	96.6	97.6	97.8	98.3	99.7	98.7	99.3	99.3	99.8	99.8
-, r		29.6		90.0	92.4	25.1	95.6	96.6	27.6	97.8	98.3	99.7	98.7	99.4	99.4	100.0	100.0
	•••			• .				, • (1	.,,	• .					. ,		
1,5	9	1 28.6	16.3	90.0	7, , 4	95.3	95.6	46.6	97.6	97.R	98.3	99.7	98.7	99.4	99.4	100.0	100.0
													• • • • • • •			* * * * * * * *	

TOTAL NUMBER OF OPSERVATIONS: RIP

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OLOBAL CEIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICEZMAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

STATICH NUMBER: 722765 STATION NAME: MAXWELL AFR AL PERIOD OF RECORD: 75-84 MONTH: APR HOURSILST): 0900-1100 STATION NUMBER: 722765 STATION NAME: MAXWELL AFB AL

CFI	LING							VISI	BILITY	IN STATE	JTE MILI	5						
1	4 1	GE	G.F	61	υF	G.F	GE	GE	G E	GF	GE	GE	GF	GE	GΕ	GE	GE	
F f	ET İ	10	t	5	4	3	2 1/2	2	1 1/2	1 1/4	i	3/4	5/8	1/2	5/16	1/4	Ü	
																• • • • • •		٠.
14 A	CETE 1	, u . u	52.8	53.7	54.2	54.6	54.6	54.7	54.8	54.R	54.8	54.9	54.8	54.8	54.8	54.8	54.8	
	Sathur		59.8	<b>60.8</b>	61.3	61.7	61.7	61.P	62.0	62.0	62.0	65.0	62.0	62.0	62.0	62.0	62.0	
	Tabeel		50.5	61.5	62.0	67.4	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	
	Tettac		60.4	61.8	62.3	62.7	62.7	62.8	63.U	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	
	Tatuuri		61.5	62.5	63.U	62.4	63.4	63.5	63.6	63.6	63.6	64.6	63.6	63.6	63.6	63.6	63.6	
	150001	26.7	62.1	63.7	64.2	64.6	64.6	64.7	64.8	64.B	64.8	64.8	64.8	64.8	64.8	64.8	64.8	
. 1	incort	, 1. 2	64.7	65.9	66.3	65.7	66.7	66.9	67.0	67.0	67.D	67.N	67.0	67.0	67.0	67.0	67.0	
		27. 1	64.7	65.9	56.3	66.7	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	
, 1	315.21	. 7.5	57.0	69.4	68.9	69.3	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	
	70.24	. 7. "	60.1	67.5	70.0	70.4	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	
+ #	1.1 ., 0 1	. 7.4	69.1	70.5	71.0	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	
*	Second.	7.7	711.3	71.7	12.2	77.6	72.6	72.7	72.9	12.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	
, r	45.001	27.1	71.6	17.6	73.1	73.5	73.5	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	
. 1	40; 01	.7.1	73.0	74.7	75.2	15.6	75.6	75.9	76.U	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	
t	35.00	20.0	74.5	76.1	76.5	17.U	77.0	77.2	77.3	17.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
, F	10.71	20.0	79.1	80.0	96.4	ып.9	80.9	81.1	81.2	81.2	81.2	81.2	P1.7	81.2	81.2	81.2	81.2	
ŗ		. 7 . 1	0 () . A	82.6	93.1	83.6	83.6	83.9	84.0	n4.D	84.D	84.0	P4.0	84.0	84.0	84.0	84.0	
		23.5	₹4.()	36.0	96.5	87.2	87.2	87.7	87.8	87.8	87.8	87.8	A 7 . 8	87.8	87.8	87.8	87.8	
. +		20.6	44.9	86.9	97.4	H H . 1	86 • 1	88.5	R8.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	
- 1		23.0	47.5	43.1	90.7	90.9	40.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	
, 1	151.04		87.3	91.4	92.5	93.4	93.5	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
51	10uni	51.0	20.7	97.4	94.0	95.1	95.3	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	
· , r		11.0	21.1	9 7 . 4	94.5	96.0	26.2	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	
. 1	0,0	10.0	71.7	94.1	25.4	97.1	97.3	98.0	98.4	99.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	
51		11.0	21.9	94.	95.H	97.4	97.7	98.3	98.8	98.8	90.8	99.9	98.9	98.9	98.9	98.9	98.9	
, Γ	1501	10.0	91.9	94.4	95.9	97.6	97.8	98.4	98.9	98.9	99.()	99.1	79.1	99.1	99.1	99.1	99.1	
, F	1.:(1)	39.n	92.5	94.5	76.0	97.0	98.0	9 A . R	99.2	99.2	29.6	99.7	79.7	99.8	99.8	99.8	99.8	
٠, ٢	9001	30.0	<b>≥</b> , 1, 1, 1	94.5	76.00	97.A	98.0	98.8	99.2	99.2	99.6	99.R	99.8	99.9	99.9	99.9	99.9	
: F	1001	30.n	92.0	+4.5	96.0	97.A	98.0	90.0	99.2	49.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	
o f	2621	* 1 . 11	92.6	74.5	36.40	97.4	98.0	98.8	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	
, r	1601	30.0	9.7 • O	94.5	20.0	97.8	96.0	GA.P	09.2	49.7	99.6	97.9	99.9	100.0	100.0	100.0	100.0	
, е	^+	to.;	92.0	99.5	26.44	97.8	28.6	94.4	39.7	99.2	99.6	97.9	99.9	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF URSERVATIONS:

GEORAL CLIMATOLOGY ARANCH USAFETAC ATR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

	II4 EET	!	5E 10	GE	GE.	(₃ { 4	GE.	G F	GE	GF	GE	GE 1	GE 3/4	GE	GE	GE	GE	GE
			-	6	5					1 1/2	1 1/4	-		5/8	1/2	5/16	1/4	0
••	••••	• • •			• • • • • • •	•••••	• • • • • •	•••••	• • • • • •		•••••	• • • • • • •	• • • • • • •	• • • • • • • •		• • • • • • •	• • • • • • •	
*• C	CFIL	1	11.8	45.1	47.2	48.6	48.8	49.1	49.9	49.8	49.8	49.8	49.8	49.9	50.0	50.0	50.1	50.4
	2000			50.1	53.4	54.9	55.6	55.9	56.8	56.9	56.9	56.9	56.0	57.0	57.1	57.1	57.3	57.5
	16001 16001			50.2	53.5	55.0 55.2	55.7	56.0	56.9	57.0	57.0 57.1	57.0 57.1	57.0 57.1	57.1 57.3	57.3 57.4	57.3	57.4	57.6 57.7
	1400			50.4 51.2	53.6 54.4	56.0	55.9 56.8	56.1 57.0	57.0 58.0	57.1 58.1	58.1	58.1	59.1	58.2	58.3	57.4 58.3	57.5 58.4	58.7
	1200			52.6	56.6	57.5	58.3	58.5	59.5	59.6	59.6	59.6	59.6	59.7	59.8	59.8	60.0	63.2
1, 1	121111		14.6	72.0	36.1.	71.5	58.5	78.5	24.7	24.6	59.0	59.0	24.0	77.1	57.8	59.8	60.0	67.2
	1600			54.2	58.2	59.1	60.5	6U.8	61.7	61.8	61.8	61.8	61.8	61.9	62.1	62.1	62.2	62.4
l, F			13.6	54.7	5 A . 7	60.2	61.0	61.2	62.2	62.3	62.3	62.3	67.3	62.4	62.5	62.5	62.6	62.9
Ģ.F			29 - 1	56.9	61.4	63.1	63.9	64.2	65.1	65.2	65.2	65.2	65.2	65.3	65.5	65.5	65.6	65.8
ι, Ε			20.1	57.8	62.4	64.2	65.0	65.2	66.2	66.3	66.3	66.3	66.3	66.4	66.5	66.5	66.6	66.9
15 F	600	n I	20.1	58.8	63.6	65.6	66.4	66.6	67.6	67.7	67.7	67.7	67.7	67.8	67.9	67.9	68.0	68.3
6.5	500	21	20.4	60.4	65.5	67.6	68.4	68.6	69.6	69.7	69.7	69.7	69.7	69.8	69.9	69.9	70.0	70.3
٠, ٢			20.5	61.1	66.3	68.4	69.2	69.4	70.6	70.7	70.7	70.7	77.7	70.8	71.0	71.0	71.1	71.3
6. ₹	4 િંદી	r I	20.5	63.1	68.3	70.4	71.2	71.4	72.6	72.7	72.7	72.7	72.7	72.8	73.0	73.0	73.1	73.3
1,5	300	r 1	.0.7	63.8	69.0	71.1	71.9	72.1	73.3	73.4	73.4	73.4	73.4	73.5	73.7	73.7	73.8	74.0
r.E	300	0 1	29.7	65.3	70.8	73.2	74.0	74.2	75.4	75.5	75.6	75.6	75.6	75 • 8	75.9	75.9	76.0	76.2
:, e						<b>-</b>						•• •						
, F			21.4	68.6 69.9	74.2 75.8	76.6 78.2	77.4 79.0	77.6 79.3	78.P 80.4	78.9 80.6	79.0 60.7	79.D 90.8	79.0 80.8	79.2 80.9	79.3 81.0	79.3 81.0	79.4 81.1	79.6 81.4
45			21.7	70.3	76.3	78.8	79.7	90.0	81.1	81.3	81.4	91.5	81.5	91.6	81.7	81.7	81.9	82.1
, r			21.8	72.4	78.6	91.0	82.0	82.2	83.4	83.5	63.6	91.3 93.7	83.7	83.8	84.0	84.0	84.1	84.3
· .			1.8	74 . U	80.7	A 3 . 6	24.7	94.9	86.2	86.5	66.7	86.8	86.8	86.9	87.0	87.1	87.2	87.5
		•		, 4,0	6.1.1		C 7 • 1		60 • 7	60.3	60.7	06.0	011 • 6		67.0	17 1 • 1	0,.2	67.5
r r			21.0	75.4	82.3	85.8	87.1	P7.5	89.0	89.3	89.5	89.6	89.6	89.7	89.8	89.9	90.0	90.3
GE			21.5	76.1	87.1	86.8	1.83	86.4	89.9	90.3	90.4	90.5	90.5	91).6	90.7	90.9	91.0	91.2
, F			C1 • 8	76 . H	84.N	°7.8	89.6	96.0	91.8	92.2	92.3	92.4	97.4	72.5	92.6	92.7	92.9	93.1
∴F			21.9	77.5	84.4	A6.4	90.4	91.2	93.0	93.3	93.4	93.6	93.6	93.7	93.8	93.9	94.0	94.3
i, F	• 0	۲i	71.ª	77.3	84.5	P8.5	97.7	91.6	91.B	94.3	94.4	94.5	94.5	94.6	94.7	94.8	95.0	95.2
G.F.			21.8	11.5	84.9	98.9	91.6	92.4	94.7	95.3	45.4	95.7	95.7	95.8	96.0	96.1	96.3	96.6
∴ F			.1.A	77.5	84.8	A8.9	91.6	92.4	95.0	95.9	96.3	96.5	95.6	96.7	97.1	97.2	97.3	97.8
ţ, <b>E</b>			21.A	77.5	84.8	89.0	91.7	92.5	95.2	96.3	96.7	97.3	97.7	97.9	98.4	98.5	98.6	99.2
⊖ E			21.A	17.5	84.5	₽ Y • U	91.7	92.5	95.3	96.4	96.8	97.4	97.8	99.1	98.6	98.7	98.8	99.6
Ut	16	"	21.4	11.5	84.8	89.U	91.7	97.5	95.3	96.4	96.8	97.4	97.8	98.1	98.6	98.7	98.9	99.9
r. E		r J	71.8	77.5	84.8	4 'y . U	91.7	92.5	95.3	96.4	96.A	91.4	97.8	98.1	99.6	98.7	98.9	100.0

TOTAL NUMBER OF UPSERVATIONS:

is seat in symmetry burn Abbyra in Board tar PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

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The second

ATH WEATHER SERVICE SMAC

PERIOD OF RECORD: 75-84

MONTH: MAR HOURS(LST): 2100-2300 STATION NUMBER: 727255 STATION NAME: MAXWELL AFB AL CTICANS VISIBILITY IN STATUTE HILES CERTIS FUTE .... GE 1 15 1 50 6F FEET 1 10 6 SE GE 3 2 1/2 ճէ **5**೯ GE GE GE 2 1 1/2 1 1/4 GE GE 1/2 GΕ 5/16 1/4 3/4 ٥ 5/8 NO CETE 1 22.6 56.9 56.4 57.0 57.0 57.0 56.7 63.6 SF .unurl 24.6 63.2 63.4 63.6 63.3 63.3 63.4 63.4 63.6 63.6 63.6 63.6 63.3 63.6 187601 24.7 63.0 63.3 63.5 63.5 63.5 63.8 63.6 63.6 63.8 63.8 63.8 63.8 63.6 63.6 63.8 63.8 160001 24.7 63.U 63.4 63.6 63.8 63.8 63.8 66 140601 24.7 63.2 63.4 63.6 63.6 63.7 63.7 64.0 64.0 64.0 64.0 64.0 65.4 GE 120001 24.8 65.4 54.5 64.8 64.4 65.0 65.0 65.0 65.1 65.1 65.1 65.4 65.4 65.4 65.4 GE 100001 26.2 GE 90001 26.2 67.0 67.2 67.3 67.3 67.4 67.6 67.4 67.6 67.4 67.6 67.6 67.6 67.7 67.6 67.7 67.8 67.9 67.8 67.8 67.8 67.9 67.8 67.8 67.9 80001 27.3 70001 27.5 69.9 70.2 70.0 70.3 70 • 1 70 • 5 70.1 70.5 70.2 70.6 70.2 70.6 79.5 70.8 70.5 70.8 70.5 70.8 70.5 70.8 GE 69.6 70.1 70.2 70.5 70.5 70.0 70.5 € E 60001 28.0 70.6 70.8 70.9 71.0 71.0 71.0 71.1 71.1 71.1 71.4 71.4 71.4 71.7 74.5 76.2 77.9 50001 29.2 45001 30.1 74.4 76.1 77.8 74.4 76.1 74.5 76.2 17.9 79.7 73.7 75.4 74.0 75.8 74.2 75.9 74.4 76.1 74.5 76.2 74.7 76.5 74.7 76.5 74.7 76.5 76.5 6 € 76.8 76.8 GF 40001 30.5 77.1 77.4 77.5 17.8 77.9 79.1 78.1 73.1 78.4 350nl 31.3 79.3 79.6 79.6 79.7 87.0 80.0 80.0 80.0 80.3 GE 78.9 79.4 79.6 79.7 80.3 25001 31.6 20001 31.7 85.5 87.6 83.5 85.5 85.3 87.4 85.3 85.3 87.4 85.5 87.6 85.5 87.6 85.9 87.9 85.2 87.3 85.2 87.3 85.5 86.4 87.3 88.2 87.9 GE 86.8 1PUP | 32.1 86.3 87.4 87.7 88.2 88.2 88.3 88.3 88.3 89.5 88.5 88.5 88.5 88.9 88.9 1.5 15001 32.1 A 7 - 1 88.4 88.9 99.5 99.5 89.6 89.8 89 . R 89.8 90.0 90.0 90.0 90.0 90.4 90.4 12001 32.1 92.1 89.1 91.1 91.1 91.7 91.9 91.9 92.1 92.1 92.1 92.5 92.5 89.4 10001 32.3 93.0 94.6 95.6 90.8 92.5 93.6 92.5 93.3 95.0 93.5 93.7 95.5 93.7 93.7 93.7 P8 . 6 20.2 93.3 94.1 5 F 9001 32.3 99.6 91.2 92.0 93.6 95.2 95.5 95.8 95.8 Auni 32.3 6 F 90.0 91.7 92.6 94.6 94.6 95.2 96.3 96.5 95.8 96.8 96.8 96.8 97.1 97.1 6 F 7001 32.3 90.3 95.4 95.5 97.7 97.9 98.1 98.1 1,1 5001 32.3 90.5 92.4 95.5 95.6 95.8 97.0 97.7 98.1 98.4 94.6 98.6 98.6 98.6 99.0 99.0 5,6 500| 32.3 400| 37.3 92.8 92.8 93.7 96.2 96.2 96.4 97.6 97.7 99.1 99.2 99.3 99.4 99.3 99.3 99.4 99.3 70.6 98.4 98.8 99.7 99.7 98.5 99.0 99.8 99.8 20.6 3001 32.3 2001 32.3 92.8 92.8 93.1 96.2 97.7 97.7 99.2 99.2 99.4 99.4 99.4 99.4 99.8 99.9 99.8 65 90.6 96.4 98.5 99.0 99.0 90.6 96.4 98.5 99.0 99.2 99.5 99.9 1001 32.3 911.6 99.4 99.4 99.5 99.2 f, F nl 12.3 20.6 97.7 99.0 99.4 99.4 99.5 99.9 100.0

TOTAL NUMBER OF OBSERVATIONS: #6?

GLOPAL CLIMATOLOGY RRANCH USAFETAC AIR WLATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

				•	N NAME:							MONTH	: MAR		(LST):	1800-20	00	
	IL I NG	• • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •			IN STATI					• • • • • • •	• • • • • • •	• • • • • • • • •	••
Fξ	ET I	5E 10	GF C	GE 5	GF 4		GE 2 1/2	GE	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE U	
NO	CETL	.1.R	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	
68	200001 180001	24.8	61.2 61.2 61.2	61.2 61.2 61.2	61.4 61.4 61.4	61.4	61.4 61.4 61.4	61.4 61.4	61.4	61.4	61.4	61.5 61.5 61.5	61.5	61.5	61.5	61.5	61.5	
5€	140001	45.5	62.5 64.8	64.8	62.7 65.U	61.4 62.7 65.0	62.7 65.0	62.7	61.4 62.7 65.0	61.4 62.7 65.0	61.4 62.7 65.0	62.R 65.1	61.5 62.8 65.1	61.5 62.8 65.1	61.5 62.8 65.1	61.5 62.8 65.1	61.5 62.8 65.1	
6 F 0 E	100001		68.4 68.4	68.4 68.4	68.6 68.6	68.6 68.6	68.6	68.6 68.6	68.6 68.6	68.6 68.6	68.6 68.6	68.7 68.7	68.7 68.7	68.7 68.7	68.7 68.7	68.7 68.7	68.7 68.7	
GF GF	8 00 0 1 7 00 0 1 6 00 0 1	28.0	70 • 1 70 • 9 71 • 6	70.1 71.0 71.7	70.3 71.2 71.9	70.3 71.2 71.9	70.3 71.2 71.9	70.3 71.2 71.9	70.3 71.2 71.9	70.3 71.2 71.9	70.3 71.2 71.9	77.4 71.3 72.0	70.4 71.3 72.0	70.4 71.3 72.0	70.4 71.3 72.0	70.4 71.3 72.0	70.4 71.3 72.0	
65	5001	29.3	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	
6 E 6 E	4500  4000  3500	30.4	76.6 79.4 91.0	76.8 79.6 81.3	77.0 80.2 91.8	77.0 80.3 81.9	77.0 80.3 81.9	77.0 80.3 81.9	77.0 80.3 81.9	77.0 80.3 81.9	77.0 80.3 81.9	77.1 80.4 82.0	77.1 80.4 82.0	77.1 80.4 82.0	77.1 80.4 82.0	77.1 80.4 82.0	77.1 80.4 82.0	
GF GF	30001 25001		83.4 85.2	83.9 85.7	94.4 86.2	84.6	84.6	84.6	84.6	84.6	94.6 86.5	84.7	84.7	84.7	84.7 86.6	84.7	84.7	
GF GE	2000  1900	30.A 30.A	87.2 81.8	88.1 88.6	88.9 89.7	89.5 90.2	89.5 90.2	89.7 90.6	89.7 90.6	89.7 90.6	89.7 90.6	89.8 97.7	89.8 90.7	89.8 90.7	89.8 90.7	89.8 90.7	89.8 90.7	
G E	15 un   12 un		89.3 89.9	91.2	91.7	92.2 93.8	92.2 93.8	92.6 94.3	92.6	94.3	92.6	92.7 94.4	92.8	93.0	94.6	94.6	93.0	
GE GE		31.2 31.4 31.4	90.4 90.9 91.6	91.8 92.5 92.7	93.6 94.5 94.7	94.7 95.9 96.4	94.9 96.1 96.6	95.3 96.5 97.3	95.4 96.6 97.4	95.4 96.7 97.5	95.4 97.0 97.7	95.6 97.1 97.8	95.7 97.2 97.9	95.8 97.3 98.0	95.8 97.3 98.0	95.8 97.3 98.0	95.8 97.3 98.0	
SE GE	7001	31.4	71.U 91.Z	92.7	94.8	97.0 97.4	97.2 97.6	97.9 98.6	98.0 98.8	98.2 98.9	99.6	98.7 99.5	98.8	98.9	98.9	98.9	98.9	
GE GE		31.4	21.2 21.2	93.0 93.0	95.U 95.U	97.4 97.4	97.6 97.6	98.6 98.6	99.0 93.1	99.1 99.2	99.6	99.7	99.8	99.9 100.0	99.9	99.9 100.0	99.9 100.0	
10 10 10	2001	31.4 31.4 31.4	91.2 91.2 91.2	93.0 93.0 93.0	95.U 95.U 95.U	97.4 97.4 97.4	91.6 97.6 97.6	98.6 98.6 98.6	99.1 99.1 99.1	99.2 99.2 99.2	99.7 99.7 99.7	99.8 99.8 99.8	99.9	100.0 100.0	100.0 100.0	100.0	100.0 100.0 100.0	
6€		31.4	91.2	93.0	95.0	97.4	97.6	98.6	99.1	99.2	99.7	99.8		100.0				

TOTAL NUMBER OF DRSERVATIONS: 923

GLOCAL CLIMATOLOGY BRANCH USAFETAC

### PERCENTAGE FREQUENCY OF OCCUPPENCE OF CEILING VFRSUS VISIBILITY FROM HOURLY OBSEPVATIONS

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AIR WEATHER SERVICE/MAC

STATICH NUMBER: 722265 STATION NAME: MAXWELL AFB AL PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 1500-1700 VISIBILITY IN STATUTE MILES CFILING 6F 4 6E 6E 3 2 1/2 GE GE GE 2 1 1/4 6E 5/16 FEET 1 10 3/4 5/8 1/2 Ω t 1 1/4 NO CETE | 42.2 45.2 45.2 45.2 45.2 57.0 57.0 57.0 57.0 57.0 57.0 57.0 57.0 57.0 57.0 57.0 57.0 57.0 57.0 56.8 57.4 57.6 57.0 57.0 57.0 57.6 of lanuni 27.3 57.0 57.U 57.0 57.0 57.0 57.0 57.0 57.0 57.0 57.0 57.6 160un| 26.5 57.6 57.6 57.6 57.6 58.8 57.6 57.6 57.6 57.6 57.6 120001 27.7 61.1 61. 61.3 61.3 61.3 61.3 61.3 61.3 61.3 61.3 61.3 61.3 61.3 61.3 61.3 65.7 65.7 65.7 66.9 65.7 laturi 45.5 65.7 65.7 65.7 65.7 65.7 65.7 65.7 65.7 65.7 65.7 66.7 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 10001 31.6 70.4 71.4 70.9 70.9 70.9 71.9 70.9 71.9 70.9 71.9 70.9 71.9 70.9 71.9 70.9 70.9 70.9 70.9 70.9 70.9 70.9 71.9 71.9 71.9 71.9 71.9 71.9 71.9 60001 12.0 72.0 72.0 72.0 74.3 75.5 74.3 75.5 6 f scunt 73.8 74.7 74.1 74.3 75.5 74.3 75.5 74.3 75.5 74.3 75.5 74.3 75.5 4'001 75.5 75.5 75.5 75.5 75.5 75.5 4000 78.5 78.4 78.4 79.4 78.4 78.4 78.4 78.4 78.4 78.4 78.4 31001 11.9 90.2 80.5 91.11 A 1 . 1 R1.1 81.1 81.1 81.1 81.1 81.1 81.1 81.1 81.1 81.1 84.1 84.5 34.3 87.8 91.0 25501 86.L 87.4 87.7 90.9 87.8 87.8 86.R 86.9 87.5 87.7 87.7 A7.8 87.8 87.8 87.8 90.9 91.0 91.3 1.5 27.60% 89.2 90.5 91.0 91.0 91.0 91.0 91.0 91.3 18001 34.5 88.U 89.4 91.2 A9.9 90.5 90.8 91.2 91.3 91.3 91.3 91.3 91.3 6,5 15001 14.7 94.7 90.3 90.9 91.7 92.5 92.5 90.0 91.6 92.5 93.4 93.7 94.5 94.5 94.6 94.7 94.7 94.8 94.8 94.8 34.7 35.1 92.5 93.3 94.4 94.6 95.7 96.6 95.8 96.7 95.9 96.9 96.D 97.2 96.1 97.3 96.2 97.4 96.2 97.4 96.2 97.4 96.2 97.4 96.2 97.4 tount 90.5 91.4 93.4 95.5 95.7 96.8 97.1 96.9 97.1 97.4 97.8 98.3 97.8 98.3 97.8 98.3 97.8 r, f PUBL 35.1 94.3 97.4 97.5 97.8 97.8 98.0 94.5 98.3 99.4 99.4 6 6001 93.4 96.3 97.7 98.8 5001 35.1 35.1 91.7 94.1 95.4 96.7 96.8 96.9 98.1 98.4 98.5 98.8 98.7 99.1 99.4 4001 100.0 100.0 100.0 100.0 100.0 3001 35-1 94.2 98.8 49.0 99.5 96.9 100.0 100.0 100.0 100.0 100.0 35.1 97.1 99.5 2001 21.7 94 . . 95.5 96.8 98.4 98.8 99.n 97.7 100.0 100.0 100.0 100.0 100.n 95.5 96.8 97.1 99.0 98.4 98.8 100.0 100.0 100.0 100.0 100.0 01 35.1 97.1 98.4 21.7 34.2 95.5 96.8 98.8 99.0 99.5 99.7 100.0 100.0 100.0 100.0 100.0

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TOTAL NUMBER OF ORSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VFRSUS VISIBILITY FROM HOURLY OBSERVATIONS

					N NAME:			-				MONTH		HOURS	(LST):	1200-14	00
	LING	•••••	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •			IN STATI			• • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
F E	ET İ		GE 6	GE 5	GF 4		6F 2 1/2	GE 2	6E 1 1/2		GE }	GE 3/4	5/8	GE 1/2	GE 5/16	GE 1/4	GE O
N O	CEIL I	19.1	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45+5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
	200001 180001		55.4 55.4	55.4 55.4	55.5 55.5	55.5 55.5	55.5 55.5	55.5 55.5	55 • 5 55 • 5	55.5 55.5	55.5 55.5	55.5 55.5	55.5 55.5	55.5 55.5	55.5 55.5	55.5 55.5	55.5 55.5
GF	16000  14060	22.5	55 • 7 56 • 2	55.7 56.2	55.8 56.3	55.8 56.3	55.8 56.3	55.8 56.3	55 • 8 56 • 3	55.8 56.3	55.8 56.3	55.8 56.3	55.8 56.3	55.8 56.3	55.8 56.3	55.8 56.3	55.8 56.3
ĢΕ	120001	23.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	54.4	58.4	58.4	58.4	58.4	58.4
GΕ	1000n  9000	24.4	60.9 62.0	60.9 62.0	61.1 62.3	61.1	61.1	61.1	61 • 1 62 • 3	61.1	61.1 62.3	61.1 62.3	61.1 62.3	61 • 1 62 • 3	61.1 62.3	61.1	61.1 62.3
	80001 70001	25.4	65.6	67.5	65.9	65.9	65.9	67.7	65.9	67.7	65.9	65.9	65.9	65.9 67.7	65.9	65.9	65.9
	60001		68.0	68.2	68.4	69.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
G E	5000   4500	25.8	69.2 70.4	69.5 70.8	69.8 71.1	69.9 71.2	69.9 71.3	69.9 71.3	69.9 71.3	69.9 71.3	69.9 71.3	69.9 71.3	69.9 71.3	69.9 71.3	69.9 71.3	69.9 71.3	69.9 71.3
G E G F	4000   3500	26.5	72.4 75.1	72.8 75.5	73.2 75.9	73.7 76.3	73.9 76.6	74 • 0 76 • 7	74.0 76.7	74.0 76.7	74.0 76.7	74.0 76.7	74.0 76.7	74.0 76.7	74.0 76.7	74.0 76.7	74.0 76.7
6 E	3C00	26.8	81.0	81.6	82.0	82.7	82.9	83.7	83.0	83.0	83.D	83.0	83.D	83.0	83.0	83.0	83.0
GE GE	2500  2600		85.2 87.6	85.9 88.4	86.3 89.2	87.1 90.4	87.3 90.6	87.4 90.8	87.4 90.8	87.4 90.8	87.4 90.8	87.4 97.8	A7.4 90.8	87.4 90.8	87.4 90.8	87.4 90.8	87.4 90.8
GE GE	1800  1500		98.3 99.7	87.C 90.6	89.9 91.6	91.1 93.0	91.3 93.3	91.4 93.5	91.4	91.4	91.4 93.5	91.4 93.5	91.4	91.4	91.4 93.5	91.4 93.5	91.4 93.5
эE	1200	28.1	90.4	91.4	92.6	94.2	94.5	94.7	94.7	94.7	94.A	94.R	94.8	94.8	94.8	94.8	94.8
G E G E		28.1 28.1	91.1	92.8	93.4 94.0	95.3 95.8	95.6 96.1	95.8 96.3	95.8	95.9 96.5	96.0 96.6	96.0 96.7	96.0 96.7	96.0 96.7	96.0 96.7	96.0	96.0 96.7
GΕ	8001	29.2	92.2	93.4	94.6	96.5	96.8	97.0	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
6 E		28.4 28.4	92.4	93.7 93.8	94.6	96.9 97.1	97.1 97.4	97.4 98.0	97.4 98.1	97.5 98.2	97.6 98.4	97.7 98.5	97.7 98.5	97.7 98.5	97.7 98.5	97.7 98.5	97.7 98.5
G F		28.4	92.7	94.2	95.7	97.7	78.2	98.8	98.9	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE		29.4 29.4	92.1 92.1	94.2 94.2	95.7 95.7	97.7	98.2 98.2	98.9 99.0	98.9 99.2	99.0 99.4	99.2 99.6	99.5 99.8	99.5 99.8	99.6	99.6	99.6	99.6 99.9
65	zani	28.4	92.1	94.2	95.7	97.7	98.2	99.0	99.2	99.4	94.6	99.8	99. R	99.9	100.0	100.0	100.0
(» E	וחמו	2A.4	72.7	94.7	95.7	97.7	98.2	99.0	99.2	99.4	09.6	99.A	99.8	99.9	100.0	100.0	100.0
G€	n I	28.4	92.1	94.2	95.7	47.7	98.2	99.0	99.2	99.4	99.6	97.8	99.8	99.9	100.0	100.0	100.0

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GLORAL CLIMATOLOGY BRANCH USAFETAC AIR BEATHER SERVICE/MAC

> 25001 21.2 20001 21.5

18001 21.7

15001 22.2

1000| 22.7 900| 22.7

PUD1 27.7

7001 22.7

5001 22.1

4001 22.7

3001 22.7

2001 22.7

1001 22.7

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL PEPIOD OF RECORD: 75-84 MONTH: MAR HOURSILS HOURS(LST): 0900-1100 VISIBILITY IN STATUTE MILES CEILING GE GF GE 2 1 1/2 1 1/4 IN | GE FEET | 1 99 9 GE . GF 4 GE GE 3 2 1/2 GE 1 6E 0 GE GF GE GE 10 3/4 5/8 1/2 5/16 1/4 NO CEIL | 14.7 45.1 45.9 46.3 46.3 46.3 46.5 46.5 46.6 46.6 46.6 46.6 53.7 53.8 53.9 GE 2000n| 16.9 53.5 53.7 53.8 53.7 53.8 53.4 53.5 53.7 53.7 53.8 53.5 53.7 53.8 52.2 52.3 53.1 53.2 53.5 53.7 53.5 53.7 53.5 53.7 53.7 53.8 53.8 53.9 53.8 53.9 GE 180001 16.9 53.8 53.9 53.9 GE 140001 17.0 52.7 53.7 54.1 54.1 54.1 54.1 54.2 54.2 54.2 54.3 54.3 54.3 GE 120001 55.6 55.6 55.6 55.6 55.7 55.8 55.2 55.8 55.8 55.8 55.8 57.6 58.1 57.8 58.3 57.8 GE 100001 17.7 56.2 56.7 57.2 57.6 57.6 58.1 57.6 57.7 57.7 57.7 50.2 57.8 58.3 57.8 58.3 57.8 58.3 57.8 58.3 9000 18.2 57.6 58.1 58.1 58.2 58.3 61.5 59.7 60.8 61.5 61.5 61.6 62.7 61.6 61.6 61.6 62.7 61.6 62.7 61.6 GE 80001 19.5 61.3 61.3 61.3 61.3 70001 18.6 60.4 6,5 60001 19.0 61.5 62.7 63.3 63.4 63.4 63.4 63.7 6 4 . 7 63.8 G E G E 62.7 64.0 65.2 64.6 65.8 64.7 64.7 64.7 64.9 64.9 65.1 65.1 65.1 65.1 66.2 65.1 66.2 50001 19.1 64.9 65.1 45001 19.6 66.1 66.2 G E 4000| 19.8 3500| 19.9 65.3 66.7 67.4 67.6 67.6 67.8 68.1 70.0 68.1 70.0 68.1 70.0 69.2 68.2 70.1 68.2 68.2 70.1 68.2 68.2 GE 30001 20.6 70.1 71.7 72.8 73.0 73.0 73.5

81.2

87.4

93.1

94.1

94.7

95.2

91.2 91.8

98.4

98.4

98.4

76.7 81.2

82.7

87.4

90.4

93.2 94.2

94.8

95.4

96.1

97.6 98.4

98.9

98.9

98.9

76.7

82.7 87.4

90.4

93.2

95.1

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96.5

98.U 98.7

99.4

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20.4

76.8 81.3

82.A 87.5

93.4 94.6 95.3

95.8

96.8

98.3 99.0

97.9 97.8

99.8

76.8 81.3

87.5

90.5

93.4 94.6 95.3

96.8

98.3 99.0

99.A

99.8

99.8

76.8

82.9

93.4 94.6 95.3

96.8

99.3 99.1

100.0

100.0

76.8 81.3

A2.8

90.5

93.4 94.6 95.3

95.8

96.8

98.3

100.0

100.0

76.8 81.3

87.5

93.4

95.3

98.3

100.0

100.0

100.0

4

100.0 100.0 100.0 100.0

76.8 81.3

82.8

87.5

90.5

93.4

95.3

96.8

98.3 99.1

100.0

100.0

76.5 81.0

82.5

90.2

92.9 93.9 94.5

94.8

95.1

96.6 97.0

97.1 97.1

97.1

97.1

80.6

A2.2

86.8

92.4 93.3 94.0

94.3

94.7

95.7

96.0

96.1

96.1

26.1

TOTAL NUMBER OF ORSERVATIONS: 930

72.8 76.8

82.0

86.2 86.8

87.1

87.3

R7.3

R7.4

P7.4

87.4

74.7 79.0

80.3

84.5

89.5 90.3

90.6

91.0

91.1

91.5 91.5

91.5

91.5

21.5

76.J RU.4

85.9

91.2 92.2

92.7

93.0

93.1

93.5

93.5

93.5

93.5

23.5

93.5

76.2 80.6

82.2

86.8

92.4

94.0

94.5

94.7

95.1

95.0

96.0

26.8

GLOBAL CLIMATOLOGY BRANCH USAFETAC

# PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

(I)

AIR WEATHER SERVICE/MAC
STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84 MONTH: MAR HOURS(LST): 0600-0800 CEILING VISIBILITY IN STATUTE MILES GE GE (.F 6E 6E 6E 2 1 1/2 1 1/4 1 14 GE GE GF GF GF GF GE 10 3 2 1/2 3/4 5/8 1/2 5/16 1/4 NO CETE 1 9.2 56.5 38.8 40.4 41.9 42.2 42.6 42.8 42.8 42.9 42.9 42.9 43.3 200001 180001 9.3 42.1 42.3 45.2 45.5 41.4 48.9 49.1 49.4 49.7 49.9 50.2 50 • 1 50 • 3 50.1 50.3 50.1 50.3 50.4 50.6 49.9 50.4 50.4 50.5 50.2 50.6 50.6 50.7 160001 9.4 42.5 43.0 45.6 47.8 49.3 49.7 50.1 50.7 50.3 50.3 50.4 50.4 50.4 50.7 50.7 50.7 50.9 49.9 140001 51.0 51.1 51.1 51.4 51.4 51.4 51.6 120001 52.6 52.6 52.6 100001 52.7 53.3 54.2 54.8 54.7 55.2 55.D 55.6 55.2 55.8 55.4 55.9 55.4 55.9 55.4 55.9 6 E 90001 10.7 47.5 50.9 55.8 56.3 56.3 56.3 56.4 80001 11.2 50.4 56.4 58.3 58.7 58.9 58.9 59.0 59.0 59.0 59.4 59.4 59.4 55.4 70uni 11.3 51.4 57.4 59.1 54.7 60.1 60.3 60.3 60.4 60.4 60.4 60.8 60.8 60.8 60.9 inuna 67.0 GF 58.5 60.4 61.1 61.0 61.0 61.1 11.4 61.1 61.4 61.4 61.4 61.6 50001 11.6 45001 12.0 63.4 64.9 66.7 54.2 55.6 58.2 60.8 62.4 63.9 65.5 63.4 63.5 63.5 63.5 63.9 63.9 65.4 63.9 64.0 62.8 63.2 GE 62.1 64.9 65.4 65.0 65.0 65.0 65.5 40001 12.0 61.1 66.9 68.6 70.4 56.6 66.1 67.3 6 E 66.5 66.7 66.9 66.9 67.2 67.2 6. F 35001 12.1 58.0 67.2 68.2 GE 30001 12.4 59.5 64.1 67.0 69.0 69.6 70.1 70.3 70.3 70.4 70.4 70.8 70.8 70.8 70.9 2500| 12.7 2000| 12.9 67.5 69.4 71.0 70.5 72.4 73.2 75.0 77.0 74.1 75.9 77.9 74.1 75.9 77.9 GF GF 62.8 64.4 72.6 74.5 74.0 75.8 74.0 75.8 74.1 75.9 74.5 76.3 74.5 76.3 74.5 76.3 74.6 76.4 6 1800| 13.2 74.0 77.6 77.8 65.8 76.4 77.8 77.9 78.3 78.3 78.3 78.4 1500 | 13.7 85.0 85.0 G F 12001 13.5 72.11 77.9 A1.8 85.2 A5.7 86.7 87.2 47.2 A7.3 1000| 13.8 900| 13.8 A3.4 R4.5 86.9 87.9 87.5 88.5 88.6 89.6 89.2 90.2 89.3 90.3 89.3 90.3 89.3 90.3 89.8 89.8 89.8 90.8 89.9 90.9 73.4 73.8 79.4 89.2 90.2 SE 80.2 90.8 GE GE AUG 13.A 700 13.P 73.9 80.4 84.8 88.5 89.1 90.2 90.8 90.8 90.9 90.9 90.9 91.7 91.5 89.3 81.0 R5.4 89.9 91.0 91.6 91.6 91.7 91.7 92.2 92.3 92.4 GF 6001 13.9 5001 87.7 88.U 92.2 92.9 94.1 95.2 95.5 95.5 94.8 96.0 96.3 95.1 96.3 96.8 95.5 96.9 95.6 97.1 95.6 97.1 94.8 94.9 95.1 95.7 96.2 96.5 96.5 96.3 96.8 GE 4001 14.0 75.8 83.3 96.0 75.8 75.8 97.5 97.7 GE GE 300 | 14.0 200 | 14.0 48.0 92.9 93.6 96.3 97.8 97.8 83.3 98.3 99.1 96.3 98.2 8 3 . 5 98.0 92.9 93.6 96.3 96.8 96.9 GE 1001 14.0 93.6 83.3 86.U 95.5 96.3 96.3 96.5 96.9 98.2 98.2 99.5 01 14.0 GE 83.3 98.0 92.9 93.6 95.5 96.3 96.5 97.7 98.2 98.2 96.3 96.9 96.9 100.0

TOTAL NUMBER OF OBSERVATIONS: R69

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR JEATHER SERVICE/MAC

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

(Z)

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LS STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL HOURS(LST): 2100-2300 CEILING VISIBILITY IN STATUTE MILES GE I GE 3/4 IN | SL FEET | 10 GE GE 3 2 1/2 GE GE GE 2 1 1/2 1 1/4 GF 1/2 5/16 1/4 NO CETE 1 25.0 56.3 57.6 62.6 62.6 GE 200001 25.7 61.0 61.9 62.5 62.6 62.6 62.6 62.6 62.6 62.6 62.6 62.6 62.6 62.6 62.7 62.5 62.6 GE 180001 25.7 61.U 61.9 62.6 62.6 62.6 62.6 62.6 62.6 62.6 62.6 62.6 62.6 62.6 GE 160001 25.7 61.0 61.9 62.6 62.6 62.6 62.6 62.6 62.6 62.6 62.6 62.6 GE 140001 25.7 61.1 62.0 62.6 62.7 62.7 62.7 62.7 62.7 GE 120001 26.1 62.6 63.4 64.0 64.1 64.1 64.1 64.1 64.1 64.1 64.1 64.1 64.1 64.1 64.1 64.1 65.7 65.7 67.2 69.5 100001 25.1 63.8 63.8 64.7 65.4 65.4 65.7 65.7 65.7 65.7 65.7 65.7 65.7 65.7 65.7 65.7 65.7 65.7 GF 65.7 65.7 65.7 65.7 90001 26-1 65.7 65.7 6 F 80001 26.1 65.2 66.2 67.0 67.2 68.5 67.2 67.2 68.5 67.2 67.2 67.2 67.2 67.2 67.2 68.5 67.2 67.2 70001 26.1 68.3 6 F. 60001 26.1 67.0 68.2 69.U 69.2 69.2 69.7 69.2 69.2 69.2 69.2 69.2 69.2 69.2 69.2 69.2 50001 26.5 45001 26.7 68.5 70.6 69.7 71.8 70.9 72.9 71.2 73.2 71.2 73.2 71.2 73.2 71.2 73.2 71.2 73.2 71.2 73.2 71.2 73.2 71.2 73.2 71.2 73.2 71.2 73.2 71.2 73.2 71.2 73.2 40001 26.7 35001 27.7 74.9 77.6 74.9 77.6 74.9 77.6 74.9 77.6 74.9 77.6 74.9 77.6 74.9 77.6 74.9 77.6 74.9 77.6 74.9 77.6 74.9 77.6 G E 71.9 73.1 74.5 74.9 77.6 G E 73.9 75.4 77.1 GE 30001 29.4 82.2 250n| 29.0 84.1 86.5 78.9 83.2 85.0 84 • 1 86 • 5 84.1 86.5 84.1 86.5 84.1 86.5 84.1 86.5 86.5 87.4 GE 20001 29.1 RU.5 82.7 86.5 86.5 86.5 87.4 86.5 86.5 1800| 29.1 1500| 29.1 87.4 GE 81.3 83.6 85.8 87.4 87.4 B7.4 87.4 87.4 87.4 87.4 GE 82.2 84.5 87.2 A9.3 49.3 89.3 89.3 89.3 89.3 89.3 89.3 89.3 A9.3 89.3 GF 12601 29.1 90.8 90.8 90.8 90.6 90.8 90.8 90.8 83.6 85.9 R8 . 7 90.6 90.8 90.8 90.8 90.8 GE 10001 29.1 R9.6 90.5 92.3 93.7 86.5 87.2 92.1 93.3 92.1 92.1 93.4 92.3 92.3 92.3 92.3 92.3 92.3 84.1 GF 900 29.1 A4.9 93.7 93.7 93.7 93.7 93.7 93.7 93.7 93.7 8001 29.1 85.3 87.7 94.0 94.2 94.8 94.8 94.8 G.F. 91.1 94.3 94.8 94.8 94.8 94.8 94.8 94.8 GE 7001 29.1 95.9 96.5 96.5 94.5 96.5 96.5 96.5 GE 6001 29.1 86.4 88.8 92.5 95.5 95.9 96.2 96.7 96.7 96.8 96.8 96.8 96.8 96.8 96.8 96.8 GE GF 5001 29.1 4001 29.1 92.5 92.5 95.9 95.9 97.0 97.6 97.5 98.1 97.5 98.1 97.6 98.2 97.6 98.2 97.6 97.6 98.2 97.6 98.2 97.6 98.2 97.6 98.2 86.4 88.8 96.8 86.4 88.8 96.9 6 E 3001 29.1 86.4 88.9 92.6 96.2 96.2 97.3 98.0 98.6 98.6 98.7 98.8 98.8 98.8 98.8 98.8 98.8 98.8 88.9 99.0 99.0 A6.4 92.6 99.0 99.5 98.1 98.7 1001 29.1 00.0 99.0 99.0 99.0 99.5 01 29.1 99.0 99.2 99.2 99.2 100.0 96.2 98.7 98.9 99.0

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TOTAL NUMBER OF URSERVATIONS: 839

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

(I)

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL PERIOD OF RECORD: 76-85
MONTH: FER HOURS(LS HOURS(LST): 1800-2000 VISIBILITY IN STATUTE MILES . . . . . . . . . . . . . . ......... CEILING IN | FEET | GE GF 5 SE GE 3 2 1/2 GE GE 3/4 GF GE GF GE 2 1 1/4 GE GF GE GE 1/4 10 6 5/8 1/2 5/16 ົດ NO CETE 1 25.4 56.2 57.0 57.4 57.4 57.5 57.5 57.6 57.6 57.6 57.6 57.6 57.6 57.6 57.6 57.6 GE 20000| 26.4 GE 18000| 26.4 61.3 61.9 62.1 62.3 62.5 62.3 62.5 62.4 62.6 62.4 62.5 62.7 62.5 62.5 62.7 62.5 62.7 62.5 62.7 62.5 62.5 62.7 62.5 62.7 62.5 GE 160001 26.4 GE 140001 26.4 61.4 62.3 62.3 62.6 62.6 62.7 62.7 62.7 62.9 62.9 62.9 62.9 62.9 62.9 62.9 62.9 62.9 62.9 62.9 62.9 62.9 GE 120001 63.1 63.9 64.3 64.5 64.5 64.5 64.5 64.5 100001 64.5 64.6 65.8 66.0 66.0 66.1 66.1 66.2 66.2 26.8 26.8 66.2 66.2 66.2 66.2 66.2 66.2 65.5 68.6 69.2 υF. 66.0 66.1 66.2 69.0 69.0 69.4 69.4 69.4 69.4 anoni 61.7 69.3 69.4 69.4 70.0 69.4 70.0 69.4 70.0 26.8 69.9 70.0 70.0 6 E 70001 68.3 69.A 70.1 70.4 70.5 70.5 70.5 70.5 70.5 72.7 74.9 76.3 72.7 74.9 6 E 70 · 7 72 · 5 73 · 5 72.4 74.5 75.8 72.4 74.5 76.0 78.5 72.5 74.6 76.1 72.6 74.8 76.2 78.7 50001 27.9 45001 28.5 71.8 73.8 72.7 72.7 72.7 74.9 72.7 72.7 74.9 72.7 74.9 72.7 75.1 77.3 76.3 78.8 76.3 78.8 76.3 76.3 78.8 υF 40001 29.5 76.3 76.3 76.3 76.3 G.F seant. 29.7 78.2 78.8 78.8 78.8 78.8 78.8 78.8 30001 GE 79.6 80.7 81.1 81.2 81.3 81.4 81.4 81.4 81.4 R1.4 81.4 81.4 6 E 29.4 29.5 81.4 82.6 84.3 85.5 85.5 87.1 86.3 88.0 86.4 88.1 86.5 88.2 86.7 88.3 86.7 88.3 86.7 88.3 86.7 89.3 86.7 88.3 86.7 86.7 88.3 86.7 88.3 86.7 88.3 25001 20001 GF 18001 29.5 82.9 85.7 A7.4 88.5 90.1 88.6 90.2 88.6 90.5 88.6 88.6 88.6 90.5 88.6 90.5 88.6 90.5 88.2 88.3 88.6 88.6 90.5 58 1°unl f F 12001 22.5 85.0 88.1 89.9 90.8 91.0 91.2 91.3 91.3 91.5 91.5 91.5 91.5 91.5 91.5 91.5 6 F. 29.5 29.5 91.3 92.4 93.8 92.5 92.7 92.9 92.9 94.4 93.1 93.1 94.6 93.1 93.1 94.6 93.1 94.6 93.1 10004 85.8 89.3 93.1 9001 86.8 20.1 94.6 GF AUN1 29.5 7001 29.5 87.0 87.3 90.5 93.0 94.5 95.2 94.8 95.0 95.4 95.5 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.5 91.0 96.8 96.8 ηŧ 95.A 96.4 96.5 96.8 96.8 96.8 'ı F 6001 5001 29.5 87.4 87.7 91.4 94.0 95.7 96.4 96.1 97.1 98.6 98.9 97.5 97.7 97.7 97.7 96.0 99.2 96.7 99.2 G F 91.8 99.2 99.2 99.2 99.2 3001 27.5 2001 27.5 97.7 87.7 99.5 94.4 96.4 97.6 99.3 99.5 99.5 99.6 91.8 04.4 96.4 96.9 97.6 98.9 99.3 99.8 90.8 99.8 99.9 υſ 91.6 98.9 99.3 99.6 99.8 99.8 99,8 97.7 96.4 96.9 97.6 99.5 99.8 99.9 1,5 nt 29.5 87.7 91.6 98.9 99.3 99.6 97.8 99.8 99.8 99.8 99.8 100.0 96.9 97.6

TOTAL NUMBER OF OBSERVATIONS: 840

GLOBAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MAC

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY FROM HOURLY OBSERVATIONS

0

PEPIOD OF RECORD: 76-85 MONTH: FEB HOURS(LST): 1500-1700 STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL VISIBILITY IN STATUTE MILES CEILING GE 5 GE GE 1 GE GE GE GE GE 2 1 1/2 1 1/4 GE GE FLET | 10 o 3 2 1/2 5/16 6 4 3/4 5/8 1/2 1/4 NO CEIL | 27.3 53.1 54.0 54.3 54.3 54.3 54.3 54.3 54.0 54.0 54.0 54.3 54.3 54.3 54.3 54.0 SE 200001 29.3 GE 180001 29.8 61.7 62.2 61.7 62.2 61.7 62.2 61.4 61.9 61.9 61.4 61.4 61.7 62.2 61.7 62.2 61.7 61.7 61.7 60.6 61.7 61.0 62.2 62.2 62.5 GE 160001 28.8 62.8 62.8 62.9 62.8 62.5 63.2 62.5 63.2 62.5 63.2 62.5 63.2 62.5 63.2 62.5 61.3 62.1 62.5 62.5 GE 120001 29.3 63.8 64.6 64.6 64.6 64.6 64.6 64.9 64.9 64.9 64.9 64.9 64.9 64.9 64.9 64.9 66.6 66.8 69.7 71.0 66.8 66.8 66.6 66.9 67.2 66.9 67.2 66.9 67.2 66.9 67.2 66.9 67.2 66.9 67.2 66.9 67.2 66.9 67.2 66.9 100001 29.9 65.8 9000 29.9 66.0 66.8 GF 80001 30.3 68.5 69.7 69.7 69.7 69.7 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70001 30.3 71.3 69.4 71.0 71.0 71.0 71.0 71.3 71.3 71.3 71.3 71.3 71.3 71.3 71.3 60001 30.7 70.6 5000| 31.2 4500| 31.8 73.6 73.6 74.4 73.9 73.9 74.7 73.9 74.7 73.6 73.9 73.9 74.4 GE 72.6 74.4 74.4 74.7 74.7 74.7 74.7 74.7 74.7 74.7 76.4 76.7 76.7 79.0 76.7 79.0 GE 40001 32.1 74.4 76 · 3 76.4 78.5 76.4 76.7 76.7 76.7 79.0 76.7 76.4 76.7 76.2 79.0 35001 32.6 78.6 78.6 79.0 79.0 79.n 3non| 33.3 81.7 81.7 81.7 90.8 41.2 81.3 81.3 81.3 81.7 91.7 81.7 81.7 85.4 86.9 87.8 85.4 25001 83.9 85.0 85.0 85.0 85.4 85.4 85.4 86.9 85.4 86.9 85.4 85.4 84.7 85.4 86.9 86.5 87.4 86.9 87.8 86.9 20001 34.5 93.U 86.U 86.5 18001 34.6 93.6 85.8 87.4 87.5 GE 86.5 88.2 87.8 87.8 87.8 87.8 87.8 15001 34.7 85.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 G.E 12001 34.7 87.4 A9.5 90.6 91.7 92.0 92.2 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 1000| 34.7 900| 34.7 92.2 93.4 93.7 95.0 94.0 94.3 95.6 94.3 95.6 94.3 94.3 95.6 94.3 94.3 95.6 94.5 87.8 90.7 .... 95.6 96.7 96.9 91.3 95.6 GE #601 34.7 7001 34.7 88.4 88.7 91.6 91.9 93.4 95.0 95.3 95.7 96.1 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.9 96.9 96.0 96.3 6001 34.7 92.8 92.9 92.9 5001 34.7 89.1 97.0 97.6 98 · 1 99 · 3 98.2 98.2 98.2 98.2 99.4 98.2 98.2 99.4 98.2 4.6 96.3 97.4 9601 34.7 44 . H 96.9 99.4 GF 98.2 97.9 100.0 3001 34.7 89.3 94.8 97.2 98.6 99.6 99.A 100.0 100.0 100.0 100.0 100.0 100.0 SE 2001 34.7 89.3 92.9 94.8 97.2 99.6 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 98.6 100.0 100.0 100.0 100.0 100.0 G€ 01 34.7 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 A9.3 97.9 94.8 97.2 97.9 98.6 99.B

TOTAL NUMBER OF OBSERVATIONS: P4

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

130

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-85 MONTH: FEB HOURS(LST): 1200-1400 CF II ING VISIBILITY IN STATUTE MILES GE GE GE UC 2 1 1/2 1 1/4 GE GE GE THE FEET I TO 5 3 2 1/2 1/4 ь 3/4 1/2 5/16 0 NO CEIL | 27.1 49.4 49.5 49.7 49.7 49.7 49.7 49.7 50.1 50.1 50.1 50.1 50.1 50.1 50.1 GE 200001 21.6 56.3 56.7 56.9 57.1 57.1 57.5 57.5 57.5 57.5 57.5 57.1 57.1 57.1 57.5 57.5 51.2 57.6 18000 21.7 57.8 54.1 58.1 58.1 58.1 58.4 54.4 58.4 58.7 58.4 58.4 58.4 GF 160001 21.7 58.3 59.0 58.7 59.4 59.7 59.4 58 • 7 59 • 4 58.7 59.4 58.1 59.3 58.3 58.3 58.3 58.7 58.7 59.6 59.0 59.4 59.4 59.6 59.6 59.6 59.6 GE 120001 22.1 58.8 59.1 59.4 57.6 60.0 60.0 60.0 60.0 GE 100001 22.7 GE 90001 22.7 62.U 63.U 62.3 62.5 62.8 63.8 62.8 62.8 63.8 62.8 62.8 63.8 63.1 63.1 63.1 63.1 64.2 66.9 67.8 64.2 64.2 64.2 64.2 64.2 64.2 8000| 23.1 7000| 23.3 66.2 66.5 66.5 GE 65.5 66.0 66.5 66.9 66.9 66.9 66.9 66.9 66.9 G F. 66.2 66.8 67.5 67.5 67.8 67.8 67.8 67.8 67.8 60001 23.8 68.7 68.7 68.7 68.7 68.7 69.4 70.1 69.4 70.1 69.4 70.1 69.7 70.4 72.7 69.4 70.1 69.4 70.1 69.7 GE GE 69.7 69.7 69.6 45001 24.0 69.1 68.6 70.4 70.4 70.4 70.4 70.4 70.4 40001 24.6 35001 25.7 GE 70.3 71.0 72.2 72.2 72.3 72.3 72.3 72.7 72.7 72.7 74.8 72.7 74.8 72.7 72 - 7 GE 72.2 72.9 73.6 74.3 74.3 74.8 77.3 υE 75.6 77.4 77.7 77.7 77.7 77.7 77.7 77.7 77.7 2500| 27.0 2000| 27.2 1800| 27.2 1500| 27.2 78.7 79.4 PO.2 GE GE 81.0 81.5 84.0 81.5 84.0 81.5 84.0 81.5 84.0 81.5 84.0 91.0 81.2 81.5 81.5 80.7 81.6 81.6 83.5 83.4 83.5 83.6 85.3 87.9 85.3 85.3 87.9 GE 84.8 84.9 84.9 84.9 87.5 85.3 87.9 85.3 85.3 85.3 87.9 GE A3.6 12001 27.2 SE 85.3 86.7 88.2 89.2 89.5 90.0 90.0 90.0 90.3 90.3 90.3 90.3 90.3 90.3 90.3 GE 10001 27.2 9001 27.2 86.2 96.7 87.9 89.4 90.7 90.7 91.3 92.8 91.9 93.6 92.2 94.1 92.2 94.1 92.6 94.5 92.6 94.5 92.6 92.6 94.5 92.6 92.6 94.5 92.6 GE SE 8001 27.2 86.9 87.0 89.4 91.5 94.9 95.4 95.9 93.3 94.1 95.5 95.9 95.9 95.9 95.9 95.9 95.9 93.6 89.6 94.5 96.0 96.3 96.3 96.3 96.3 96.3 96.3 GE FURT 27.2 90.3 95.5 5001 27.2 4001 27.2 93.2 97.6 87.6 90.7 70.7 95.8 96.0 96.6 96.8 98.8 98.9 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 98.2 GE 3001 27.2 A7.6 90.7 93.2 96.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 2001 27.2 87.6 96.0 99.5 6E 90.7 93.2 96.8 98.4 99.2 100-0 100.0 100.0 100.0 100.0 100.0 100.0 90.7 96.0 96.8 99.2 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6 E n| 27.2 87.6 90.7 23.2 95.0 96.8 98.4 99.2 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MAC

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

\$ 1	ATION N	UMREP:	122265	STATE	ON NAME:	HKAM	IELL AFB	A L				PERIOD MONTH	OF REC		-85 (LST): 1	0900-11	00	
	ILING	• • • • • •	• • • • • • •	•••••	• • • • • • • •	• • • • • •	• • • • • • •			IN STAT				• • • • • • •	• • • • • • •	• • • • • •	•••••	• •
	IN I	GŁ	GE	GΕ	G.F	G€	GF	GE	GΞ	GŁ	GE	GE	GE	GE	GE	GE	GE	
F	EET İ	10	6	5,	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
• •	• • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	٠.
٧0	CETL 1	13.9	44.4	45.9	46.4	46.5	46.8	47.1	47.2	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	
GE	200001	15.0	51.7	53.5	54 - 1	54.2	54.4	54.8	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	
GE	18000	15.2	52.2	53.9	54.5	54.7	54.9	55.7	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	
GE	160001	15.2	52.2	53.9	54.5	54.1	54.9	55.2	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	
GΕ	140001	15.2	52.5	54.3	54.9	55.0	55.2	55.6	55.7	55 · B	55.9	55.7	55.9	55.9	55.9	55.9	55.9	
GE	150001	15.2	53.4	55.1	55.7	55.A	56.1	56.4	56.5	56.7	56.8	56.R	56.8	56.8	56.8	56.8	56.8	
GE	100001	15.9	54.8	56.5	57.1	57.2	57.5	57.8	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	
GE	90001	15.9	55.4	57.1	57.7	57.R	58.1	58 - 4	58.5	58.7	58.8	54.8	58.8	58.8	58.8	58.8	58.8	
GE	80001	16.5	57.4	59.1	59.7	59.8	60.1	60.4	60.5	60.7	60.8	60.9	60.8	60.8	60.8	60.8	60.8	
6 <b>E</b>	7000	16.A	58.4	69.2	60.8	60.9	61.1	61.5	61.6	61.7	61.8	61.9	61.8	61.8	61.8	61.8	61.8	
GΕ	60001	16.8	58.9	60.7	61.2	61.4	61.6	62.0	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	
GΕ	sourt	17.2	60.9	62.7	63.4	63.5	63.7	64.1	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	
GE			61.7	63.6	64.3	64.4	64.7	65.0	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	
G٤	40001	17.4	63.5	65.5	66.2	66.3	66.5	66.9	67.0	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	
ßΕ	35001	17.4	64.2	66.2	67.0	67.1	67.5	67.8	68.0	68.1	68.2	69.2	68.2	68.2	68.2	68.2	68.2	
GF	3000	14.3	66.5	68.6	69.5	69.6	70.0	70.3	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	
. GE	25001	18.5	69.0	71.1	72.2	12.9	73.4	74.0	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	
68			71.1	73.5	74.6	75.1	75.7	76.3	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	
GE	1860	18.6	72.4	74.8	75.9	76.6	77.1	77.7	77.9	78.0	78.1	79.1	7A.1	78.1	78.1	78.1	78.1	
υE	1500	17.1	76.0	79.8	80.6	81.6	82.2	82.9	83.0	83.2	83.3	83.3	83.3	83,3	83.3	83.3	83.3	
GE	12001	19.1	78.0	81.3	A3.5	84.8	85.5	86.2	86.3	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	
υE	10001	19.1	19.U	82.6	85.3	87.0	97.8	88.6	88.7	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	
GE	9001	19.1	79.7	83.6	86.3	88.2	88.9	89.9	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	
GE	6001	19.1	A0.3	85.U	88.U	90.1	90.8	91.9	92.0	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	
6 E		19.1	9O.3	85.3	88.8	90.9	91.8	92.8	93.4	93.5	93.6	93.4	93.8	93.A	93.8	93.8	93.8	
GΕ	6001	19.1	80.8	85.9	89.6	92.2	93.1	94.5	95.4	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	
GE	5001	19.1	91.0	86.1	89.9	92.6	93.4	95.5	96.7	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	
6€	4071	19.1	81.0	86.2	90.0	92.7	93.6	96.1	97.3	97.5	97.8	97.9	97.9	97.9	97.9	97.9	97.9	
GE	3001	19.1	81.0	86.2	90.1	92.5	93.8	96.5	97.9	98.2	98.7	98.9	99.1	99.3	99.3	99.3	99.3	
GE	500	19.1	81.0	86.2	90.1	92.8	93.8	96.5	97.9	98.2	98.7	90.1	99.2	99.6	99.8	99.8	99.9	
Ģ€	1001	19.1	9:.0	86.2	90.1	97.8	93.8	96.5	97.9	98.2	98.7	99.1	99.2	99.6	99.8	99.8	100.0	
G E	r I	17.1	81.U	86.2	40.1	92.8	93.8	96.5	97.9	98.2	98.7	99.1	99.2	99.6	99.8	99.8	100.0	

TOTAL NUMBER OF ORSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

1

1

## PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VFRSUS VISIBILITY FROM HOURLY OBSERVATIONS

(E)

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL PERIOD OF RECORD: 76-85 MONTH: FEB HOURS(LST): 0600-0800 VISIBILITY IN STATUTE MILES CEILING I GE GF , GE GE 4 3 2 1/2 GE GE GE 2 1 1/2 1 1/4 GE 1 GE GE GE GE IN | FEET | 1/4 10 1/4 5/8 1/2 5/16 \_\_n NO CEIL | 19.5 47.1 47.1 38.8 42.2 44.1 45.5 45.8 46.4 46.7 46.7 46.9 46.9 46.9 46.9 46.9 GE 20000| 10.7 GE 18000| 10.7 43.3 46.9 49.0 50.6 50.7 51.0 51.1 51.8 51.9 52.0 52.2 52.0 52.2 52.3 52.4 52.3 52.4 52.3 52.4 52.3 52.4 52.3 52.4 52.4 52.5 52.4 52.5 GE 160001 10.7 GE 140001 11.0 47.1 49.2 50.7 51.4 51.1 51.8 51.9 52 • 2 52 • 8 52.2 52.8 52.4 53.1 52.4 53.1 52.4 53.1 52.4 53.1 52.4 52.5 52.5 43.4 43.8 GE 120001 11.1 44.1 48.0 50.1 52.0 53.1 53.1 53.3 53.3 53.3 53.3 10000| 11.4 45.1 45.1 49.0 51.1 51.1 52.7 52.7 53.1 53.1 53.9 53.9 54.1 54.1 54 • 1 54 • 1 54.4 54.4 54.4 54.4 54.4 54.4 54.4 54.4 54.5 54.5 54.5 54.5 54.4 54.4 8000| 11.9 7000| 12.2 51.5 53.6 55.6 57.0 56.6 56.9 56.9 57.0 57.0 GE 48.8 52.8 54.9 56.5 57.8 58.0 58.0 58.3 59.3 58.3 58.3 58.3 58.4 58.4 58.0 58.A 5000| 12.7 4500| 12.7 62.7 62.7 63.5 65.9 67.1 62.7 63.5 65.9 57.1 57.9 59.2 60.8 61.3 62.2 62.5 62.5 62.7 62.7 62.9 52.5 53.3 62.9 (, F 60.0 61.6 63.0 4000| 13.1 3500| 13.2 54.9 59.7 65.9 65.9 GΕ 61.8 62.6 64.2 65.4 65.1 65.6 65.9 66.0 67.2 66.0 65.6 60.5 67.1 67.1 GE 30001 13.3 57.5 62.5 64.8 67.2 67.7 68.6 69.2 69.2 69.4 69.4 69.4 69.4 69.4 69.5 69.5 GE GE 2500| 13.9 2000| 14.1 60 • 1 62 • 9 65.8 68.8 68.2 71.4 70.6 73.7 71.2 74.4 72.2 75.4 72.7 75.9 72.7 15.9 72.9 76.2 12.9 16.2 72.9 76.2 77.5 81.2 72.9 76.2 77.5 72.9 76.2 77.5 73.1 76.3 73.1 76.3 1807 14.1 69.5 75.7 79.0 77.5 81.2 77.6 77.6 72.4 75.3 77.3 80.9 G F 63.7 75.0 76.7 77.3 77.5 15001 14.1 80.4 GĒ 80.9 81.2 GΕ 12001 14.1 73.5 76.7 79.9 90.5 82.1 82.7 83.0 A 3 . O 83.1 83.1 6 E 75.6 76.5 85.4 86.9 85.8 87.3 85.9 87.5 10001 14.2 68.2 69.0 78.8 79.7 82.9 85.8 85.9 9001 14.2 83.5 86.1 86.9 B7.3 87.3 87.3 87.5 800 | 14.2 700 | 14.2 69.7 77.5 77.8 80.8 81.2 85.D 85.4 88.9 89.3 89.3 89.3 89.3 89.4 85.8 88.9 89.5 69.8 86.3 88.4 89.9 90.1 υE 91.9 92.7 500| 14.2 400| 14.2 94.6 95.8 GE 70.7 79.0 87.8 91.6 93.6 93.9 94.6 94.6 94.8 94.9 94.9 R2.9 R3.0 88.8 94.6 96.1 97.9 79.1 92.2 95.0 95.8 95.8 97.6 95.9 96.1 97.9 G.F 70.8 88.2 89.2 94.8 95.8 30n1 14.2 79.2 79.2 89.0 97.4 97.6 99.2 70.6 96.2 93.1 89.9 93.3 96.6 96.9 GE GF 2001 14.2 711.8 A 3 . 1 49.0 97 . A 99.7 99.5 G E 1001 14.2 70.8 79.2 83.1 89.0 89.9 93.5 96.5 96.9 97.8 98.2 98.2 98.4 98.7 99.3 99.6 01 14.2 f. F 70 - A 19.2 83.1 0.PA 40.0 93.5 96.5 96.9 97.8 99.7 98.2 ... 98.7 99.3 100.0

TOTAL NUMBER OF OBSERVATIONS:

GLORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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# PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

(T)

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL PERIOD OF RECORD: 75-84 HONTH: APR HOURS(LST): 1200-1400 ILING VISIBILITY IN STATUTE MILES CEILING GE GE GE 2 1 1/2 1 1/4 GE G.F GE GF GΕ FEET | 10 3 2 1/2 3/4 5/8 1/2 5/16 1/4 1 53.9 NO CEIL | 26.6 20000| 30.0 64.4 64.4 64.8 64.4 64.4 64.4 64.8 64.4 64.8 64.4 64.4 64.8 64.4 64.4 64.8 64.8 64.8 64.8 180001 30.3 64.8 65 160unl 30.3 64.4 64.8 64.8 64.8 64.8 64.8 64.8 64.8 64.8 64.8 64.8 64 - 8 64.8 64.8 190001 30.3 64.8 65.1 65.1 65.1 65.1 65.1 65.1 65.1 65.1 65.1 65.1 65.1 65.1 65.1 65.1 GF 120001 30.6 66.7 66.3 66.7 66.7 66.7 66.7 66.7 66.7 66.7 GE 100001 31.4 70.4 70.4 70.4 70.4 70.4 70.4 70.4 70.4 70.4 70.4 70.4 70.4 70.4 70.4 69.9 72.4 70.4 70.4 73.2 70.4 70.4 70.4 73.2 90001 31.4 70.4 70.4 70.4 70.4 70.4 70.4 70.4 70.4 70.4 73.2 73.7 80001 31.4 73.2 73.2 73.2 73.2 73.2 73.2 73.2 73.2 70001 31.7 72.9 73.7 73.i 73.7 73.7 G E 60001 32.1 73.8 74.7 74.8 74.8 74 . 6 74.8 74.8 74.8 74.8 74.8 74.8 74.8 74.8 74.8 50001 32.8 45001 32.9 75.7 76.7 77.6 76.8 77.7 77.0 77.9 77.0 11.9 77.0 77.9 77.0 77.9 77.0 77.0 77.9 77.0 77.9 71.0 77.9 77.0 77.9 77.0 77.9 77.0 77.9 77.0 76.4 77.9 40001 33.0 35001 33.3 80.4 80.4 84.8 80.4 80.4 84.8 87.4 84.8 80.4 84.8 80.4 80.4 GE 78.8 80.1 80.2 80.4 80.4 80.4 80.4 83.1 R4.6 84.8 84.8 84.6 84.8 30001 88.4 88.7 88.7 GE GE 2500| 34.3 2000| 34.3 48.1 90.1 89.7 91.9 90 • 1 92 • 4 90.4 92.8 90.4 92.8 90.4 92.9 90.4 90.4 90.4 92.9 90.4 90.4 98.4 90.4 92.9 90.4 92.9 90.4 92.9 1800| 34.3 1500| 34.6 90.7 92.7 93.2 93.6 93.6 93.7 93.7 93.7 93.7 93.7 93.7 93.7 93.7 GF 94.0 94.5 95.3 95.4 95.4 95.4 95.4 95.4 95.4 10001 34.7 98.2 98.6 98.2 98.2 98.7 98.7 98.7 98.2 98.2 98.2 96.0 98.2 93.9 96.0 97.2 98.7 98.7 98.7 GF 98.2 98.2 98.7 GE PURT 34.7 94.1 97.6 9A.6 98.7 99.0 99.1 99.1 99.1 99.1 99.1 99.1 99.1 96.3 99.1 99.1 6 E 71.01 34.7 94.1 76.4 97.8 98.8 98.9 99.3 99.4 99.6 99.6 99.6 99.6 99.6 99.6 4.00 .... GF 99.1 99.2 100.0 100.0 6001 94.2 96.7 98.1 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 5001 34.7 98.1 99.1 99.2 100.0 100.0 100.0 100.0 100.0 94.2 96.7 99.8 100.0 100.0 100.0 100.0 4001 34.7 94.2 96.7 98.1 99.1 99.A 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.1 3001 34.7 GE 94.2 98.1 99.2 100.0 100.0 96.7 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 2601 100.0 100.0 100.0 100.0 100.0 100.0 SE 1001 34.7 94.2 96.7 98.1 99.1 99.2 99.R 100.0 100.0 100.0 107.0 100.0 100.0 100.0 100.0 100.0 GF DI 34.7 94.2 96.7 98.1 99.1 99.2 99.A 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF ORSERVATIONS: 900

GLOBAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHFR SEPVICE/MAC

# PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

C.

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL PEPIOD OF RECORD: 75-84 MONTH: APR HOURS(LST): 1500-1700 ....... VISIBILITY IN STATUTE MILES CEILING GE GE GE GE GE 2 1 1/2 1 1/4 IN GE GŁ GE GE GF GF 3 2 1/2 5/16 1/4 10 3/4 5/8 1/2 1 NO CEIL | 29.7 54.0 20000] 32.7 65.9 67.U 68.4 66.2 67.0 67.0 67.0 67.0 67.0 67.0 67.0 67.0 67.0 67.0 67.0 67.0 180001 33.2 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 160001 33.2 67.3 67.7 69.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 6. F 67.9 68 7 69.0 69.0 69.0 69.0 69.0 . . . n 69.0 69.0 69.0 40.0 69.0 GE 120001 33.8 70.0 70.8 70.8 70.8 70.8 70.6 70.8 10.9 70.8 70.8 70.8 70.8 70.8 70.8 75.2 76.2 GE GE 100001 35.2 90001 35.7 74.9 75.9 76.U 77.U 76.0 77.0 76.0 77.0 76.0 77.0 76.U 76.0 76.0 77.0 76.0 76.0 71.0 76.0 76.0 77.0 76.0 77.0 76.0 77.0 77.0 77.0 77.0 79.3 80001 35.8 78.9 80.2 80.2 90.2 80.2 GE 80.2 80.2 80.2 81.2 80.2 80.2 80.2 80.2 80.2 70001 15.0 79.3 80.1 81.1 GE 60001 36.1 80.2 81.1 82.1 82.1 82.1 87.1 82.1 62.1 82.1 87.1 82.1 82.1 82.1 82.1 82.1 50001 36.1 A 1 . 7 83.7 83.7 83.7 83.7 84.8 83.7 84.8 83.7 84.8 83.7 84.8 () F 82.4 83.7 A 3 . 7 83.7 83.7 83.7 45001 36.6 82.7 84.8 84.8 84.8 84.8 4000 37.1 86.6 6€ 85.7 A7.8 88.0 88.0 88.0 86.0 88.0 88.0 88.0 88.0 88.0 86.0 88.0 86.0 3500 90.4 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 G F 30001 20.2 92.4 92.7 G F G E 25001 37.8 20001 38.0 91.3 93.1 92.4 95.7 93.9 95.9 93.9 95.9 93.9 96.0 93.9 93.9 93.9 93.9 93.9 93.9 95.9 96.0 96.0 96.0 96.0 96.0 96.0 1800| 38.0 1500| 38.0 94.7 96.1 96.3 96.3 96.3 96.4 96.4 96.4 96.4 SE 93.6 96.3 96.3 96.4 96.4 96.4 97.3 GE 94.3 97.2 12001 98.6 98.7 98.7 1000| 39.3 900| 39.3 95.6 96.8 98.3 99.0 99.1 99.0 99.1 98.9 99.0 98.9 98.9 99.0 99.0 99.0 99.0 99.1 99.0 GE 94.8 98.8 99.0 99.0 99.1 99.1 99.1 99.1 eun] 38.3 95.8 97.0 98.9 99.1 99.2 99.2 98.9 99.1 99.1 99.2 99.2 98.6 94.2 99.2 (, E 7001 38.3 25.9 97.1 28.7 99.0 99.0 99.4 99.4 99.4 99.6 99.6 99.6 99.6 99.6 99.6 99.6 6001 3A. 1 95.9 98.8 99.1 (, F 99.1 99.7 99.7 99.7 99.A 99.8 99.8 99.8 99.8 99.8 99.8 5001 38.5 G £ 75.9 91.2 98.8 99.1 99.1 99.8 99.9 99.8 99.8 99.9 99.9 99.9 99.9 ... 99.9 ... GE 4001 34.5 95.9 91.2 96.8 99.1 99.1 100.0 100.0 100.0 100.0 100.0 100.0 100.0 3001 34.1 2001 34.3 97.2 99.1 99.9 6 f 99.1 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 G F 1001 34.3 75.9 97.2 98.8 99.1 99.1 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 (, E OI tast 95.0 97.2 99.1 99.1 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF UNSERVATIONS: 960

GLOFAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHFR SERVICE/MAC

# PERCLINIAGE FREGUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 727265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 1800-2000

 $J_{i}$ 

													I: APR			1800-20	
	146	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •			IN STAT			•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
11	N 1	GE	ű£	Gf	GF	GE	GÉ	GΕ	GF	GE	GE	GE	GE	GE	GΕ	GE	GE
FEE	ET Î	10	6	5	4		2 1/2	?	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO C	CEIL I	29.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	50.6	59.6	59.6	59.6	59.6	59.6
	500001		64.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	60.3	68.3	68.3	68.3	68.3
	19chel		69.0	63.0	69.0	69.0	69.0	69.0	69.D	69.0	69.0	60.0	69.0	69.0	69.0	69.0	69.0
	reanul		69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	60.0	69.0	69.0	69.0	69.0	69.0
	140001		70.3	10.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 1	150001	32.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE I	100001		76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
	90001		77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE GE	70001		79.6 90.0	79.1 80.2	79.7	79.7	79.7	79.7	79.7	79.7 80.4	79.7	79.7	79.7 80.4	79.7	79.7	79.7	79.7
	60001		90.8	81.0	80.2 81.u	90.4 81.2	80.4	80.4	80.4 81.2	81.2	80.4 81.2	87.4		80.4	80.4	80.4	80.4
13.8	61:00	34.3	70.8	n u	91.0	81.2	91.2	81.7	61.2	81.2	81.2	31.2	A1.2	81.2	81.2	81.2	81.2
65	50001	70 7	82.3	92.5	92.9	83.0	83.0	83.0	83.0	83.0	83.0	83.7	83.0	83.0	83.0	83.0	83.0
GF	4500		A3.4	83.7	A4.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
6E	40001		87.1	87.3	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE	35001		99.3	89.6	90.0	90 • 1	90.1	90.1	90.1	90.1	70 . 1	90.1	90.1	90.1	90.1	90.1	90.1
GE	30001		91.0	91.3	91.8	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
	J,							,					,				,
GE	25001	35.5	92.4	93.2	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE	20001	35.5	93.6	94.6	95.1	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GΕ	Iauol	35.5	93.9	94.8	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
G.E.	15001	35.5	95.2	96.5	97.2	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE	12301	35.6	95.7	96.9	97.6	97.8	98.2	98.3	98.3	98.3	98.3	94.3	98.3	98.3	98.3	98.3	98.3
GF	1000		75.9	97.2	98.U	98.2	98.5	98.8	98.8	98.8	98.8	98.9	9 B . R	98.8	98.8	98.8	98.8
ιGΕ		35.6	75.9	97.3	98.1	78.3	78.6	98.9	98.9	98.9	98.9	99.7	98.9	98.9	98.9	98.9	98.9
GE		35.6	96.3	91.6	98.4	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE		35.6	96.4	97.7	98.5	94.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
() F	600	35.6	30.0	98.0	98.8	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
G E		35.6	76.7	98.1	39.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
65		35.6	95.1	98.1	99.2	99,4	99.B	100.0	100.0	100.0	170.0	100.0	100.0	100.0	100.0	100.0	100-0
68		35.6	36.7	98.1	99.2	99.4	79.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
SE		35.6	76.7	99.1	23.2	99.4	39.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G E	1001	35.6	76.7	98.1	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΓ	n t	35.6	26.7	98.1	99.2	99.4	00 0	100 0	100.0	100.0	100.0	100.0	100.0	100 0	100.0	100.0	100 0
																	100.0

TOTAL NUMBER OF OBSERVATIONS:

GLOBAL CLIMATCLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

1.

### PERCENTAGE FREQUENCY OF OCCUMPENCE OF CEILING VFRSUS VISIBILITY FROM HOUPLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFR AL PERIOD OF RECORD: 75-84 MONTH: APR HOURS(LST): 2100-2300 NG VISIBILITY IN STATUTE MILES CEILING IN | SE FEET | I GE GE GE GE GE GF GE 3 2 1/2 2 1 1/2 1 1/4 1 3/4 GE GE 4 GE 10 5/8 1/2 5/16 1/4 63.0 NO CETE | 31.0 63.6 63.0 63.0 63.0 63.0 63.0 63.0 63.0 63.0 63.0 GE 200001 31.9 GE 180001 31.9 68.0 68.0 68.0 68.0 68.0 68.0 61.2 66.0 68.0 68.0 68.0 68.0 ьв. П 68.0 68.0 68.0 68.0 68.0 68.0 67.2 68.0 68.0 68.0 69.0 68.0 68.U 66.0 68.0 GF 160001 31.9 GF 140001 32.0 67.2 68.0 68.U 68.0 68.0 68.0 68.0 68.0 68.0 68.0 68.0 68.0 68.0 68.0 68.0 68.1 67.4 68.1 68.1 68.1 68.1 68.1 68.1 68.1 68.1 69.1 68.1 68.1 68.1 68.1 69.0 69.0 69.0 69.0 69.0 69.0 12.9 73.3 72.9 73.3 72.9 73.3 72.9 73.3 72.9 73.3 72.9 73.3 72.9 73.3 12.9 13.3 72.9 73.3 12.9 13.3 72.9 73.3 72.9 73.3 72.4 90001 32.3 73.3 73.3 SF 8 nun | 32.6 75.5 76.4 76.4 77.3 76.4 77.3 76.4 76.4 76.4 77.3 76.4 76.4 76.4 76.4 76.4 76.4 77.3 70001 32.8 17.3 77.3 60001 33.0 80.8 82.6 84.8 5cun| 33.4 79.8 80.7 80.7 80.7 80.8 80.8 80.8 80.8 80.8 92.6 80.8 80.8 80.7 80.8 80.9 6.5 45001 37.9 81.6 82.5 92.5 82.5 82.5 82.6 82.6 82.6 82.6 82.6 82.6 82.6 82.6 40001 34.2 ', F 83.4 84.6 84.6 84.7 84.8 84.8 84.8 84.8 84.8 84.8 84.8 84.8 84.8 35001 34.2 . 6F 30001 34.3 89.3 89.5 A9.6 89.8 89.8 91.2 92.7 93.4 25001 34.5 20001 34.5 99.4 91.2 92.7 91.6 93.1 91.6 91.7 93.3 92.0 93.5 92.0 93.5 92.0 93.5 92.0 93.5 92.0 93.5 92.0 93.5 92.0 93.5 92.0 93.5 90.9 18001 34.5 93.8 93.8 93.9 95.5 94.2 94.2 95.7 94.2 GF 91.6 93.4 94.0 94.2 94.2 94.2 94.2 94.2 94.7 92.4 94.9 95.6 95.7 15001 34.5 95.7 96.5 10001 34.7 2001 34.7 94.6 94.8 97.0 97.7 97.3 97.9 98 • 1 98 • 7 98.1 98.7 98.1 98.7 98.1 98.7 6 E 6 E 97.R 98 • 1 98 • 7 98.1 98.7 98.1 98.7 98.1 98.7 98.3 98.4 98.3 94.8 98.7 PUN1 34.7 97.7 91.9 98.3 98.3 98.6 98.7 98.7 98.7 98.7 98.7 98.7 97.8 98.8 98.8 98.8 98.8 GE 7601 34.7 94.9 98.1 98.4 98.4 98.6 98.7 98.8 98.8 98.8 99.6 99.7 5001 34.7 4001 34.7 98.2 99.7 20.1 99.5 99.9 99.6 (, F 95.1 98. 94.7 99.6 99.9 100.0 100.0 100.0 100-0 100.0 100.0 100.0 100.0 3081 34.7 2081 34.7 99.6 100.0 95.1 98.2 28.7 99.7 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6 F 98.2 78.7 99.6 99.6 99.7 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1601 34.7 95.1 98.2 98.7 99.6 99.6 99.7 99.9 100.0 100.0 100.0 100.0 100.0 170.0 100.0 100.0 01 34.7 G.F 95.1 99.2 98.7 99.6 94.6 99.7 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF UNSERVATIONS: 77

ULORAL CLIMATOLOGY RRANCH USAFETAC AFR WEATHER SERVICE MAC

### PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

CEA.

STATICH NUMBER: 722265 STATION NAME: MAXWELL AFB AL PERIOD OF RECORD: 76.78-84 MONTH: MAY HOURS(LST): 0300-0500 VISIBILITY IN STATUTE MILES CFILING GF GE GE 4 3 2 1/2 Th | 1 %c FEET | 1 10 GE GE GE GE 2 1 1/2 1 1/4 1 GF GF GF 5/16 1/4 3/4 5/8 1/2 ā or conont 34.7 41.1 45.7 49.8 58.0 58.4 58.4 58.4 58.9 56.9 59.4 58.9 59.4 59.4 51.6 58.9 57.5 57.5 59.9 58.9 59.4 SE Lecont 3.7 34.2 41.1 46.1 50.2 52.1 57.5 58.4 59.4 58.9 59.4 58.9 59.4 or lenuni 34.2 50.2 57.5 58.4 59.4 59.4 3.7 41.1 46.1 52.1 59.8 AF IMPORT 34 . 7 50.7 52.5 58.0 58.0 58.9 50.4 59.B 59.8 59.8 60.3 59.8 60.3 120001 35.2 47.0 53.0 59.4 59.8 60.3 42.0 51.1 58.4 58.4 60.3 60.7 61.6 62.1 68.0 100001 3.7 3.7 36 • 1 36 • 5 43.4 48.4 48.9 52.5 53.0 54.3 54.8 59.8 59.8 60.7 61.2 61.6 61.2 61.6 61.6 62.1 62.6 90001 80001 67.6 68.5 39.7 47.5 58.0 58.9 59.8 60.7 66.7 67.6 67.6 68.5 68.0 68.9 68.5 3.7 52.5 65.3 65.8 67.6 68.0 70001 66.7 68.9 68.9 Louda 41.1 48.9 54.3 59.8 61.6 67.1 67.6 68.5 69.4 69.4 69.4 69.9 69.9 69.9 70.3 50001 45001 43.8 52.1 53.9 57.5 59.4 63.0 64.8 70.3 72.1 70.8 72.6 71.7 73.5 72.6 74.4 72.6 72.6 74.4 73.1 74.9 73.1 74.9 73.1 74.9 73.5 75.3 4.6 45.7 54.3 55.7 75.8 77.6 76.3 78.1 6, 5 40001 4.6 59.8 65.3 67.1 72.6 73.5 74.9 75.8 75.8 76.3 76.3 76.7 35001 4.6 61.2 66.7 68.9 74.4 75.3 76.7 77.6 77.6 76.1 78.1 78.5 30001 25001 47.9 63.0 77.2 79.0 79.9 79.9 79.9 80.4 70.6 80.4 80.4 80.8 69.9 81.7 82.6 87.2 5€ 20'00' 72.1 73.1 77.6 78.5 79.5 81.7 82.6 81.7 4.6 48.9 5A.4 64.4 80.4 81.3 81.3 81.3 82.2 65.3 82.6 IRUN 49.8 59.4 70.8 78.5 81.3 82.2 83.1 15001 r, F 4 . 6 51.6 62.6 75.3 77.6 83.1 84.0 85.8 86.8 86.8 86.8 87.2 A 7 . 7 1200 90.0 90.0 90.4 80.8 87.2 90.0 90.4 90.4 90.9 10001 54.8 55.3 55.7 79.5 4.6 66.2 73.5 91.7 87.2 88.1 89.0 90.0 90.9 90.9 90.9 91.3 91.3 91.3 74.4 74.9 74.9 92.6 83.1 83.6 GF ouni 67.1 80.4 90.9 91.8 91.8 91.8 92.2 92.2 92.2 PUDI 5.0 91.8 92.7 92.7 93.6 92.7 6 E 80.B 88.6 90.0 90.4 93.2 93.6 7001 75.3 ⊌£ 6001 5.0 56.2 67.6 81.7 84.0 90.4 91.8 95.4 95.4 95.9 95.9 95.9 96.3 5.0 5.0 5.0 Sont 56.2 67.6 75.3 75.8 81.7 84.0 34.5 90.4 90.9 91.8 93.2 94.1 95.4 97.3 95.4 95.4 95.9 97.7 95.9 97.7 95.9 97.7 96.3 98.2 4un l 300 L 75.8 93.2 GE 56.2 67.6 82.2 R4.5 90.9 95.9 97.3 97.7 97.7 98.2 98.2 98.2 98.6 2001 5.0 56.2 67.6 75.8 87.2 94.5 90.9 95.9 97.3 99.6 99.1 97.7 99.1 100.0 1001 5.0 67.6 98.6 mf 5.0 75.8 90.9 93.2 97.3 97.7 97.7 99.1 99.1 100.0

TOTAL NUMBER OF OASERVATIONS: 219

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

STA	TICN NI	iM"ŁR:	722265	STATIO	ON NAME:	MAXm	FLL AFR	AL				PERIOU MONTH	OF REC		-84 (LST): :	0600-08	00
CEI	L [No	•••••	• • • • • • •	•••••	• • • • • • • •	• • • • • •	• • • • • • • •		BILITY				• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••
FF	N	6E 1P	6 6	GE 5	ĿF ¥	GE 3	6E 2 1/2	GE	6; 1 1/2	GE	GE 1	5E 374	GF 5/8	GE 1/2	GE 5/16	GE 1/4	6 E D
• • •	• • • • • • •	• • • • •	• • • • • • •		• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •		• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • • • • • • •
40	CEIL	5.5	36.9	42.3	47.5	50.4	51.6	52.6	52.9	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.7
	200001 18001	5.5 5.5	41.6	47.5	53.5 53.5	57.1 57.3	58.4 58.6	59.5 59.7	59.8 64.0	60.1 60.3	60.3	60.3 61.5	60.3 60.5	60.3 60.5	60.3 60.5	60.3 60.5	60.5 60.8
	160001	5 5	41.8	47.7	53.5	57.3	58.6	59.7	60.0	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.8
	140001	5.6	42.4	48.3	54.1	57.8	59.1	60.2	60.5	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.3
ωF	120001	5.6	43.1	40.1	55.1	59.0	60.3	61.4	61.7	62.0	62.0	62.3	62.3	62.3	62.3	62.3	62.5
	raunui	5.6	44.5	51.0	57.0	61.1	62.4	63.4	63.8	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.5
SE	90601	5.7	45.2	51.7	57.7	61.8	63.1	64.7	64.5	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.3
∪£ U£	80001 70001	5.7 5.0	48.5 49.8	55.4 56.8	62.2 63.5	66.3	67.6	68.0	69.2	69.6	69.6	69.8	69.8	69.8	69.8	69.8	70.0
5.5	20001	5.3	50.4	57.5	64.4	67.8 69.7	69.1 70.0	70.4	70.9 71.7	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.6
	6.000.1	3. • 3	70.4	77.0	74.4	07.1	,	71.3	71.7	12.0	72.0	72.3	72.3	72.3	72.3	72.3	72.5
54	scont	5.3	52.7	60.0	56.9	71.4	12.7	74.0	74.4	74.7	74.7	74.9	74.9	74.9	74.9	74.9	75.2
⇔ f	4"004	6.3	53.2	60.5	67.4	72.2	73.5	74.8	75.3	75.6	75.6	75.8	75.8	75.8	75.8	75.8	76.0
اد	46UN	4.1	53.9	61.3	68.3	73.0	74.5	75.9	76.5	76.8	76.8	77.0	77.0	77.0	77.0	77.0	17.2
6 F	3500	6 • 3	54.7	62.2	64.5	74 - ()	75.7	77.1	77.6	78.1	78.1	79.3	7 A . 3	78.3	76.3	78.3	76.5
(, F	30un	6.3	45.9	63.3	70.4	15.2	77.0	78.4	78.9	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.8
G.E	25unt	5.3	56.6	64.4	72.0	16.8	78.6	80.0	80.5	81.0	91.0	81.2	81.2	81.2	81.2	81.2	81.4
4.5	aroni	6.5	58.7	66.7	74.5	79.1	81.0	82.4	82.9	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.8
() F	Tenul	4.6	59.5	67.5	75.2	80.O	91.9	83.3	93.9	84.3	R4.3	84.5	A4.5	84.5	84.5	84.5	84.7
ia F	12001	6.6	60.6	69.5	77.2	82.3	84.3	85.7	86.3	86.8	86.8	87.0	87.0	87.0	A7.0	87.0	87.2
υE	12601	/ <sub>1 +</sub> A	63.4	12.3	A0.0	85 - 1	R7.1	4.88	89.2	89.7	A9.7	89.9	89.9	89.9	89.9	89.9	90.1
51	10001	6 . A	64.6	73.7	91.6	86.8	88.8	90.4	91.1	91.5	91.6	91.A	91.8	91.8	91.8	91.8	92.0
GF	วยา	5.9	65.5	74.4	92.4	87.7	89.8	91.4	92.0	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.3
5£	0001	4.9	65.4	74,5	82.9	88.5	90.6	92.5	73.2	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.5
G E	7001	6.9	55.5	75.2	A3.1	88.8	91.0	93.1	93.9	94.5	94.9	95.2	95.2	95.2	95.2	95.2	95.4
θį	ront	4.9	65.0	15.4	R 5 . 4	89.4	91.5	93.8	94.5	45.3	95.8	96.0	96.0	96.0	96.0	96.0	96.2
SF	• an ∤	4.9	65.7	15.9	94.0	89.9	92.0	94.5	95.4	96.1	96.7	96.9	96.9	96.9	96.9	96.9	97.2
5 E	4001	6.0	45.8	76.0	P4.1	90.0	95.5	94.R	95.9	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.8
61	2001	6.9	65.8	76.0	A4.1	90.0	92.2	94.9	96.0	96.8	97.6	99.3	98.3	98.4	98.5	98.7	99.1
G.E	2001	6.9	65.8	76.0	R4.1	90.0	72.2	94.9	30.0	96.8	97.6	98.7	98.8	98.9	99.0	99.4	99.8
:, F	1601	5.9	65.8	76.0	A4.1	90.0	92.2	94.9	96.0	96 • A	97.6	98.7	98.8	98.9	99.0	99.5	100.0
(, F	01		65.8	76.0	84.1	9n.u	92.2	94.0	96.0	96.8	97.6	98.7	98.8	98.9	99.0	99.5	100.0

TOTAL NUMBER OF ORSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

1

### PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

130

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LS HOURS(LST): 0900-1100 VISIBILITY IN STATUTE MILES . . . . . . . . . . . ......................... CEILING GE s IN GE FEET 1 10 GE GE GE 2 1 1/2 1 1/4 G f GE GE GΕ GE GE ь 3 2 1/2 1 5/8 1/2 5/16 3/4 1/4 0 NO CEIL | 7.9 55.4 51.7 54.2 55.3 55.4 55.4 55.4 55.4 55.4 55.4 55.4 55.4 55.4 55.4 55.4 62.2 GE 20cont in.6 57.4 60.6 62.2 62.2 62.2 62.2 62.2 62.2 62.2 62.2 62.2 62.4 62.2 62.2 62.2 GE 18000 | 10.6 57.4 60.6 62.0 62.2 62.2 62.2 62.2 62.2 62.2 62.2 62.2 62.2 62.2 62.2 GF 160001 10.6 57.4 57.5 60.6 62.U 62.2 62.2 62.2 62.3 62.2 62.3 62.2 52.2 62.2 62 • 2 62 • 3 62.2 62.2 62.3 62.2 62.3 140001 10.6 62.3 60.8 120001 10.6 6.F 59.1 62.5 63.9 64.0 64.0 64.0 64.0 64.0 64.0 64.0 64.0 64.0 64.0 64.0 64.0 100001 11.2 6F 65.3 66.7 68.1 66.9 68.2 66.9 68.2 66.8 68.2 66.8 66.8 68.2 66.8 68.2 66.8 68.2 66.8 56 90001 11.5 63.3 66.7 68.2 68.2 68.2 68.2 68.2 80001 11.8 71.8 73.2 71.8 71.R 73.2 71.8 71.8 73.2 71.8 73.2 71.8 73.2 71.8 66.2 69.6 70unl 12.0 70.6 12.9 GL 73.2 73.2 73.2 73.2 60001 sount 12.0 76.3 77.0 76.7 77.5 76.7 77.5 76.7 77.5 79.8 6F 70.4 74.0 76.7 77.5 76.7 76.7 77.5 45001 12.0 77.5 (, F 70.9 74.4 77.5 77.5 17.5 77.5 77.5 77.5 76.5 79.8 79.A 79.8 79.A 79.8 4000 12.0 72.8 79.2 79.8 19.8 79.8 79.8 79.8 υĘ 79.8 35001 12.2 74.7 78.6 81.5 82.0 82.0 82.0 82.0 82.0 A2.0 82.0 82.D 82.0 82.0 82.0 82.0 30001 12.4 78.9 82.8 85.7 86.2 86.2 86.2 86.2 86.2 86.3 86.3 86.3 86.3 86.3 25001 12.9 88.3 91.5 91.9 84.4 87.5 A7.5 88.3 84.3 91.5 88.3 91.5 88.4 91.6 88.4 91.6 88.4 88.4 91.6 G.F 90.5 88.3 88.4 88.4 91.6 92.0 1.5 20001 13.3 83.5 90.8 41.5 91.5 91.6 91.6 91.6 92.0 18001 13.3 92.0 94.0 91.9 91.9 92.0 92.0 92.0 υF 88.0 91.2 91.9 91.9 92.0 95.1 1500| 13.5 96.5 94.7 (» f 12001 13.9 47.7 92-0 95.6 96.5 96.6 96.6 96.6 96.8 96.9 46.9 96.9 96.9 96.9 96.9 96.9 92.9 96.5 98.2 inuni ia.n 88.4 97.7 97.8 98.0 98.0 98. 1 98.3 98.3 98.3 J.RO 7.89 98.3 9001 14.0 88.7 98.5 98.6 98.8 99.1 99.1 99.1 99.1 99.1 99.1 99.1 8001 14.0 88.7 93.3 96.9 9R.4 96.5 98.6 98.6 98.8 99.0 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 98.7 93.3 98.4 98.5 99.1 99.1 99.1 99.1 96.9 98.8 99.0 60ml 14.0 99.6 49.6 65 58 68 SUDI 98.7 93.3 96.9 98.6 98.9 98.9 99.4 99.8 99.8 99.A 99.9 99.8 99.8 99.8 100.0 4001 14.0 AH . 7 98.7 99.6 100.0 100.0 3001 14.0 2001 14.0 98.6 98.6 88.7 93.3 98.7 98.9 99.4 99.6 99.8 99.9 99.9 99.9 100.0 100.0 100.0 98.7 76.4 98.9 99.8 99.9 99.9 99.9 GΕ 96.7 99.4 49.6 100.0 100.0 100.0 86.7 98.6 1001 14.0 100.0 100.0 93.3 99.4 99.6 100.0 01 14.0 99.9 48.7 93.3 96.9 99.6 98.9 99.4 99.6 99.8 99.9 99.9 100.0 100.0 100.0

4

98.7

FOTAL HUMBER OF DESERVATIONS:

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VFRSUS VISIBILITY
FROM HOURLY OBSERVATIONS

Co

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84

MONTH: MAY HOURS(LST): 1200-1400 VISIBILITY IN STATUTE MILES CEILING 5E GE 3 2 1/2 GE GE GE 7 1 1/4 GE GE 3/4 6F 4 GE FEET 1 10 5/16 5 6 5/8 1/2 1/4 U NO CETE | 13.7 6E 20000] 15.3 63.7 64.4 64.4 64.4 64.4 64.4 64.4 64.4 64.4 64.4 64.4 64.4 64.4 64.4 64.4 63.9 54.6 64.6 64.6 64.6 1800n) 15.3 64.6 64.6 64.6 64.6 64.6 64.6 64.6 64.6 64.6 64.6 64.6 160001 15.3 64.6 64.6 64.6 64.6 64.6 64.6 64.6 G E 64.6 64.6 140001 15.3 64.6 64.6 UF 120001 16.0 65.6 66.3 66.3 66.3 66.3 66.3 66.3 66.3 66.3 66.3 66.3 66.5 66.5 66.5 69.5 70.6 73.9 GΕ 10000| 15.7 9000| 16.7 68.7 69.5 70.6 69.5 70.6 69.5 70.6 69.5 70.6 69.5 70.6 69.5 70.6 69.5 70.6 69.5 70.6 69.5 70.6 69.6 70.8 69.6 70.8 69.6 70.8 69.6 73.U 73.9 75.2 73.9 75.2 73.9 75.2 73.9 73.9 75.2 73.9 75.2 74.0 75.3 74.0 75.3 G.F 80001 16.9 75.9 73.9 73.9 74.0 74.0 17.0 74.7 75.2 75.3 700n1 75.2 75.2 75.3 Inuna 17.0 75.8 76.2 76.2 76.2 76.2 5000| 17.4 4500| 17.7 77.7 79.1 GE GE 79.4 79.6 81.0 79.6 81.0 79.6 79.6 61.0 79.6 81.0 79.6 81.0 79.6 91.0 79.7 81.1 79.7 Pl.1 79.7 81.1 80.3 81.0 81.1 85.2 89.5 85.2 40001 19.0 84.2 85.2 89.5 85.2 89.5 85.2 89.5 GE GE 84.7 85.3 85.3 19.6 99.5 89.5 89.5 3500 86.7 99.0 89.6 89.6 89.6 93.7 94.3 95.6 25unl 19.8 2000| 20.0 75.3 96.7 95.3 96.7 95.3 95.4 96.8 97.0 95.4 96.8 97.0 92.0 94.8 95.3 95.3 95.3 96.7 95.3 95.4 95.4 96.7 96.7 96.8 96.7 96.8 bέ 96.2 96.7 18001 27.0 93.4 95.8 97.0 96.9 99.1 96.9 98.1 96.9 96.9 G F 96.5 96.9 96.9 96.9 96.9 (s.F 15001 20.2 98.1 99.1 98.1 98.2 97.5 12001 20.3 94.8 98.7 98.7 98.7 99.8 98.8 98.9 ſĘ 98.3 98.7 98.7 98.7 98.9 98.9 98.9 97.7 97.7 97.7 99.1 99.1 99.1 99.1 99.2 99.2 99.2 99.4 99.5 99.6 10601 95.1 95.1 98.5 98.5 99.0 99.0 99.0 99.0 99.0 99.0 99.2 99.4 99.4 99.5 99.4 99.4 99.5 G-F 27.3 99.0 9001 20.3 99.4 95.1 8001 27.3 99.0 99.0 99.0 99.0 99.6 99.6 Ģ₽. 98.5 99.6 98.5 99.0 99.1 20.3 99.0 99.0 99.0 99.6 IJ.E 6001 20.3 97.1 78.5 99.() 99.0 99.0 99.0 99.5 99.7 99.7 99.7 5001 20.3 4001 20.3 95.1 95.1 97.7 98.5 98.5 99.0. 99.0 99.0 99.1 99.1 99.2 99.4 99.5 99.5 99.8 99.8 99.8 99.9 99.8 G E 99.0 99.0 99.0 99.0 GF GE 3001 20.3 2001 20.3 97.7 98.5 99.0 99.1 99.2 99.5 95.1 99.0 99.0 99.5 99.6 99.9 99.9 99.9 99.9 99.6 75.1 79.0 99.0 100.0 100.0 100.0 99.6 100.0 1001 01 20.3 99.0 100.0 100.0 100.0

TOTAL NUMBER OF GRSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

4. Car

STATION NUMBER: 722265 STATION NAME: MAXWELL AFR AL PERIOD OF RECORD: 75-84 MONTH: HAY HOURS(LST): 1500-1700 VISIBILITY IN STATUTE MILES IN I SE SE GE GE GE GE 2 1 1/2 1 1/4 1 GE 6E GE 3 2 1/2 GF GF GE GF 3/4 5/8 1/2 5/16 1/4 NO CETE | 15.6 54.7 55.2 55.2 55.2 55.2 55.2 55.2 55.2 55.2 55.2 55.2 55.2 55.2 55.2 6E 20000] 19.2 67.5 68.1 66.2 69.2 68.2 68.2 68.2 68.2 68.3 68.2 68.3 68.2 69.3 68.2 68.3 68.2 68.3 68.2 68.2 68.3 68.2 GE 190001 18.3 68.2 68.3 68.3 68.3 68.3 68.3 68.3 68.3 160001 19.3 67.4 68.2 68.3 68.3 68.3 69.3 68.3 6 R . 3 68.3 68.3 68.3 69.4 140001 13.8 68.5 69.2 69.4 69.4 69.4 69.4 69.4 69.4 69.4 69.4 69.4 69.4 69.4 71.5 GE GE 100601 20.0 76.1 76.6 76.3 76.8 76.3 76.8 76.3 76.8 76.3 76.8 76.3 76.8 76.3 76.8 76.3 76.8 76.3 76.8 9000 20.1 75.5 76.8 76.8 76.8 76.8 76.8 90001 20.8 19.9 A1.3 81.3 81.3 81.3 81.3 81.3 81.3 81.3 81.3 81.3 81.3 81.1 B1.3 81.3 70001 21.1 50001 21.1 83.3 83.0 83.3 83.0 A3.0 A3.3 GF 91.2 83.0 83.0 83.0 83.0 83.3 6.5 50001 21.4 44.5 86.5 96.7 86.9 86.8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 45001 21.4 40001 22.0 85.A 68.5 87.7 90.8 98.0 88.1 91.1 89.1 88 • 1 91 • 1 88·1 91·1 88.1 91.1 88.1 91.1 88.1 91.1 88.1 91.1 89.1 88.1 88.1 88.1 GE 91.1 21.1 91.1 91.1 35001 22.6 30001 23.0 93.1 95.8 96.1 96.2 96.2 96.2 96.2 96.3 96.3 96.3 96.3 96.3 96.3 96.3 2501 23.4 2001 23.7 97.2 99.5 GE 97.1 91.2 97.2 91.2 97.3 97.3 97.3 97.3 97.3 97.3 94.1 96.8 97.3 97.3 65 95.3 98.0 98.7 98.0 98.2 1800| 23.7 1500| 23.8 98.8 ٠,٢ 95.3 98.5 98.4 98.5 98.6 98.7 98.8 98.8 98.8 99.8 98.8 98.8 98.8 GE 12001 23.8 25.5 98. 98.5 99.7 99.n 99.1 99.4 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 10001 23.A 95.5 98.4 99.4 98.7 98.9 99.2 99.4 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.2 99.9 93.9 99.9 99.9 99.9 99.9 99.2 7001 23.8 7001 23.8 95.5 99.4 98.7 98.9 98.9 99.4 99.8 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 GE 99.9 99.4 99.2 100.0 100.0 100.0 100.0 98.4 5001 23.8 4001 23.8 95.5 98.4 98.9 98.9 99.8 99.9 99.4 99.9 99.9 99.9 100.0 100.0 100.0 100.0 94.7 99.2 99.4 99.9 99.9 DE 100.0 100.0 100.0 100.0 1001 21.A 95.5 98.4 98.4 28.1 99.9 99.2 90.4 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 94.9 99.9 22.9 GE 28.1 99.2 99.4 99.8 99.9 100.0 190.0 100.0 100.0 100.0 100.0 100.0 100.0 01 23.A 95.5 98.4 98.7 94.9 99.2 99.4 99.9 29.9 100.0 100.0 100.0 100.0 6 F 99.8

TOTAL NUMBER OF ORSERVATIONS: 930

GLOSAL CLIMATOLOGY RRANCH AIR MEATHER SERVICE/MAC

## PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

(TO)

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LS STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL HOURS(LST): 1800-2000 VISIBILITY IN STATUTE MILES GE 1 GF GE 5 6E 4 GE GE 3 2 1/2 GE GF GE 2 1 1/2 1 1/4 GE 1/4 GE GΕ GE O FEET 10 3/4 5/8 1/2 5/16 59.3 NO CETE 1 15.3 58.4 59.3 59.5 59.3 59.3 59.3 59.3 59.3 59.3 59.3 59.3 59.3 59.3 59.3 71.8 72.5 GE ZOOURT 16. 71.8 71.8 71.8 71.8 72.5 71.8 72.5 71.8 72.5 71.8 72.5 71.8 72.5 71.8 72.5 71.8 72.5 71.8 72.5 71.8 72.5 71.8 GE 18000 17.0 71.5 72.5 73.6 72.5 72.5 72.5 16000| 17.0 71.5 72.5 72.5 73.6 72.5 73.6 72.5 73.6 72.5 SE 140001 17.6 13.6 73.6 72.6 73.6 73.6 73.6 73.6 73.6 75.8 75.8 GE 10000| 18.6 80.1 80.1 78.5 90.1 80.1 80.1 80.1 80.1 80.1 86.1 80.1 80.1 80.1 80.1 8 D . 1 66 9000 18.8 78.7 80.3 80.3 80.3 80.3 80.3 eo.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3 8000 19.9 85.9 84.2 95.9 85.9 85.9 **95.9** 85.9 85.9 85.9 85.9 85.9 85.9 85.9 85.9 85.9 70001 12.9 86.2 600nl 12.9 84.8 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.5 50001 20.2 87.2 88.1 89.2 90.3 89.2 90.3 89.2 90.4 89.2 90.4 89.2 90.4 89.2 90.4 90.4 89.2 90.4 89.2 90.4 89.2 90.4 6 E 89.0 99.1 99.2 89.2 45001 20.2 90.0 90.3 90.4 GF 40001 20.5 90.6 92.5 92.6 92.8 92.8 92.8 92.9 92.9 92.9 92.9 92.9 92.9 92.9 92.9 94.5 92.9 35401 20.6 94.0 94.5 30001 20.7 93.7 95.8 95.9 96.2 96.2 96.2 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4 6 E 6 F 96.5 97.0 96.7 97.3 97.1 97.6 97.1 97.6 97.1 97.6 97.3 97.8 97.3 97.8 97.3 97.8 97.3 97.8 97.3 97.8 25001 20.9 94.3 97.3 97.3 97.8 2000 21.0 94.8 97.8 97.8 97.8 95.2 75.5 97.4 1800| 21.1 1500| 21.1 6 F 97.7 99.0 98.C 98.0 98.3 98.3 98.3 99.3 98.3 98.3 98.3 98.3 98.3 98.9 99.1 SE 120rl 21.1 98.9 98.9 99.1 99.1 95.6 95.9 10001 21.1 9001 21.2 98.2 98.3 99.2 99.2 99.3 99.6 99.6 78.5 99.1 99.5 99.5 99.5 90.6 99.6 99.6 99.3 99.6 99.7 98.6 29.2 r, F 99.6 99.6 99.7 99.7 99.7 99.7 8001 21.2 7001 21.2 95.9 95.9 78.4 98.4 99.3 99.5 99.7 99.9 99.8 99.8 99.9 98.7 99.5 99.7 99.7 ωE 78.7 99.5 99.8 99.8 99.9 99.9 99.9 £001 21.2 99.9 100.0 100.0 100.0 100.0 5001 21.2 4001 21.2 100.0 100.0 100.0 100.0 100.0 100.0 95.9 99.4 29.9 6 E 99.7 99.5 99.6 99.6 29.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 3un| 21.2 98.4 98.7 99.6 99.9 99.9 99.9 100.0 100.0 100.0 100.0 79.6 100.0 100.0 2001 21.2 i, F 25.9 98.4 94.7 99.5 99.6 92.6 99.4 49.9 99.9 100.0 100.0 100.0 100-0 100.0 100-0 to F 49.5 79.6 99.6 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 95.9 GF 01 21.2 78.4 93.7 99.6 99.6 39.9 99.9 100.0 100.0 100.0 100.0 100.0 99.5 99.9

TOTAL NUMBER OF URSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOUPLY OBSERVATIONS

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(C)

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 2100-2300 VISIBILITY IN STATUTE MILES CFILING GE SE OF SE GE 6 5 4 3 2 1/2 IN | GL FEFT | 10 GE GF GE 2 1 1/2 1 1/4 GE õΕ 1/4 5/8 1/2 1/4 ۰. 1 5/16 NO CETE 1 16.9 67.9 68.9 69.2 69.2 69.2 69.2 69.2 69.2 69.2 69.1 69.2 69.2 69.2 69.2 69.2 6F 200001 17.8 75.8 16.9 77.1 17.3 77.3 77.3 77.3 77.3 77.3 77.3 77.3 77.3 77.3 77.3 77.3 6E 18000| 19.0 79.1 78.1 78.1 78.1 78.1 79.1 16.6 77.7 77.9 78.1 78.1 78.1 78.1 78.1 78.1 78.1 78.1 78.1 79.1 79.9 76.6 77.7 77.9 78.1 78.1 78.1 78.1 78.1 78.1 78.1 78.1 6F 14C6N1 18.0 77.4 78.7 78.9 78.9 78.9 78.9 78.9 of 120001 19.2 77.9 79.1 79.2 79.4 79.4 79.4 79.4 79.4 79.4 79.4 79.4 79.4 79.4 79.4 79.4 6t 10runt 14.3 81.2 82.5 82.5 82.1 92.7 82.8 82.8 82.8 82.8 82.8 82.9 82.8 82.8 82.8 82.8 82.8 82.8 82.8 82.8 82.8 82.8 82.8 R2.8 82.8 82.8 82.8 90001 18.3 A1.2 82.8 82.8 82.8 5 E 6 E 87001 19.8 70601 19.3 84.9 85.6 86.4 86.6 86.7 86.7 87.4 86.7 86.7 87.4 86.7 87.4 86.7 87.4 86.7 87.4 86.7 87.4 86.7 87.4 86.7 86.7 87.4 86.7 6mum| 19.3 A7.1 A9.5 90.0 (, F 50001 19.6 45001 19.6 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 99.7 91.0 90.3 98.5 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 4000 19.6 3500 20.0 90.2 92.0 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 91.8 92.5 92.5 G E 93.4 94.1 94.6 94.6 94.6 94.6 94.6 94.6 94.6 94.6 94.6 97.1 97.1 30001 20.0 96.1 97.1 97.1 97.1 97.1 97.1 25001 20.0 20001 20.5 96.7 97.5 97.9 97.7 91.7 97.7 97.7 G E 97.7 97.7 97.7 97.7 97.7 74.6 96.4 98.5 98.9 99.5 98.5 98.9 98.5 4.6 97.2 98.5 98.5 98.5 98.5 98.5 98.5 98.5 95.6 98.9 10001 20.5 97.5 98.9 98.9 98.9 98.9 98.9 98.9 98.9 SF 15001 20.5 76.1 98.4 98.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 t.F 12001 20.5 26.1 28.4 98.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 G F 10001 20.5 96.1 98.4 98.7 99.7 99.7 99.7 99.7 49.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 9001 20.5 96.2 98.5 99.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1, 5 8001 20.5 96.2 99.5 99.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 98.5 29.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6001 20.5 96.2 98.5 99.0 100.0 100.0 100.0 lua.o 100.0 100.0 100.0 100.0 100.0 100.0 sonj 98.5 98.5 100.0 100.0 20.5 99.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.0 40nl 20.5 36.2 100.0 170.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 3001 20.5 2001 20.5 36.4 98.5 98.5 99.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100 . D 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1001 20.5 99.0 100.0 100.3 100.0 100.0 190.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 11 20.5 96.7 99.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF URSERVATIONS:

GLOBAL CLIMATOLOGY RPANCH USAFETAC AIR WEATHER SERVICE/MAG

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIRILITY FROM HOUPLY OBSERVATIONS

STATEON NUMBER: 722765 STATION NAME: MAXWELL AFB AL PFP10D OF RECOPD: 75-76.78-84 MUL : HTHOM HOURS(LST): 0300-0500 VISIBILITY IN STATUTE MILES CFILING GE 1 GŁ IN | FEET | GE GE 1/2 GE GE GE 2 1 1/2 1 1/4 10 5/8 1/2 5/16 1/4 NO CETE I 3.3 28.5 36.0 43.5 53.3 57.9 60.7 61.2 62.1 63.1 63.1 63.1 63.1 GE 200601 34 • 1 34 • 1 42.5 50.9 61.2 65.9 68.7 69.2 70.1 70.6 71.9 71.0 71.0 71.0 71.0 71.0 71.0 GE 180001 5.7 68.7 69.2 70.1 71.0 71.0 50.9 70.6 71.0 71.0 71.0 160001 34.1 42.5 50.9 70.1 70.6 71.0 71.0 71.0 71.0 71.0 71.0 34.1 42.5 GE 140001 5. 7 50.4 61.2 65.9 6P.7 69.2 70.1 70.6 71.0 71.0 71.0 71.0 71.0 71.0 Tanoni 70.6 35.0 71.0 72.9 52.8 72.0 72.4 72.9 72.9 GE TURURI 75.2 75.2 77.1 77.1 77.6 71.6 3.7 36.0 45.8 54.7 54.7 66.8 72.0 75.7 75.7 76.6 77.6 77.6 77.6 77.6 77.6 77.6 66.8 90001 36.0 37.9 57.5 eror i 3.7 78.0 48.1 79.4 79.9 80.4 80.4 6E 74.8 78.5 80.4 80.4 80.4 . 4 7000 37.9 69.6 79.4 80.4 80.4 80.4 49.1 75.7 i, F 60001 38.3 58.4 70.6 79.0 79.4 60.4 80.8 81.3 81.3 81.3 81.3 A1.3 81.3 73.8 75.2 75.2 SCOOL 6,1 3.7 41.1 51.9 61.7 79.0 82.2 82.7 81.6 94.1 84.6 A4.6 84.6 A4.6 R4 . 6 R4.6 53.3 4 - 60 42.5 63.1 85.5 96.0 GE GE 4.2 80.4 83.6 85.0 86.0 86.0 86.0 86.0 84.1 86.D 85.0 85.0 85.5 85.5 WEDEL 4.2 42.5 63.1 80.4 83.6 84.1 86.0 86.0 86.0 86.0 86.0 86.0 3500 4.2 90.4 83.6 84.1 86.0 86.0 86.0 86.0 86.0 86.0 30001 42.5 53.3 75.7 80.6 43.0 43.5 86.9 87.9 G E G F arne t 4.2 54.2 64.0 76.6 77.1 01.8 85.0 85.5 86.4 87.4 87.4 R7.4 87.4 87.4 87.4 87.4 20001 54.7 89. 7 88.3 68.3 88.3 82.2 85.5 86.4 88.3 88.3 GE GE 1800 | 1500 | 4.7 43.9 55.1 65.0 77.6 82.7 83.6 86.0 86.9 87.9 A8.3 88.8 88.8 90.2 88.8 44.4 56.1 65.9 78.5 87.4 88.3 89.3 90.2 90.2 90.2 90.2 90.2 12001 88.3 91.1 91.1 92.1 93.0 80.4 95.5 89.3 90.2 91.1 91.6 92.1 92.1 92.1 Ģ€ 907 4.2 46.7 54.4 68.7 81.3 46.4 90.2 91.1 93.0 93.0 93.0 59.3 65 65 PUNI 4.2 47.2 93.0 93.5 69.6 87.4 91.1 92.1 93.9 93.9 93.9 93.9 93.9 93.9 82.2 41.1 7001 70.1 82.7 47.9 91.6 92.5 93.9 94.4 94.4 94.4 G 6001 60.7 48.1 71.0 84.6 89.7 93.9 94.9 95.8 96.3 96.7 96.7 96.7 96.7 96.7 96.7 5001 ₩E GF 4.2 48.1 60.7 71.0 85.0 94.4 95.3 95.3 95.3 96.3 96.3 97.2 97.2 96.7 97.2 97.2 97.2 98.1 97.2 97.2 97.2 98.1 20.2 4.2 61.2 4uni 48.1 71.5 86.0 91.1 98.1 98.1 3001 98.1 98.1 99.1 6 48.1 91.1 96.3 97.7 98 • 1 99 • 1 71.5 86.0 98.1 98.1 zur i 4.2 46.1 1001 99.1 1.5 4.2 4A.1 61.2 71.5 86.0 91.1 95.8 96.7 9A.1 98.6 99.1 99.1 99.1 100.0 n I 4.2 48.1 61.2 71.5 86.0 21.1 95.4 96.7 98.1 98.6 97.1 99.1 99.1 99.1 99.1 100.0

TOTAL NUMBER OF OBSERVATIONS:

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SEDRAE CEIMATOLOGY RRANCH USAFLIAC AIR WEATHER SERVICEZMAC

# PERCENTAGE FREQUENCY OF OCCUMPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFS AL

				J	., ., ., .,							HINCH		HOURS	(LST):	0600-08	00
• • • •	 LING	••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • •			IN STATE			• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • • • • • •
I		7.6	6F	SF	GF	G.F	ĿF	6F	GE	GE	6E	L S GE	GE	GE	GE	G£	G.E
F F		16	6	· .	4		2 1/2		1 1/2		',','	3/4	5/8	1/2	5/16	1/4	0
	· · · · · ·		• • • • • •														
t <sub>4</sub> .1	LETE I	3.3	40.9	48.1	53.2	57.7	59.5	60.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
١, ١	100005	5.4	44.4	53.€	58.5	63.2	65.2	66.7	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
ι, τ	TarCul-	5.4	44.4	53.1	58.6	63.5	65.3	66 . A	67.1	67.1	67.2	67.2	61.2	67.2	67.2	67.2	67.2
٠, ۶	160001	5.4	44.4	53.1	58.6	63.3	65.3	66.8	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
0.F	140601	5.4	44.6	53.2	58.7	63.4	65.4	66.9	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE	15cau1	5.4	46.9	56.1	61.7	66.4	66.5	69.9	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
ŗ, r	10001	r, . 4	50.1	59.7	65.4	70.4	12.5	74.0	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
٠,٠	9 n U n l	5.4	50.5	60.3	66 • U	70.9	73.1	74.5	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
i, r	Branl	5.4	53.1	63.0	59.8	74.9	77.0	78.5	78.8	78.A	78.9	79.9	78.9	78.9	78.9	78.9	78.9
∴ F	10 L O	۲.4	53.6	64.4	76.4	75.4	77.7	79.1	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
ų F	Putu]	5.4	54.0	64.8	70.7	75.8	78.0	79.5	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
, r	50001	5.4	56.0	61.0	73.0	79.1	86.4	81.8	82.2	82.2	P2 - 3	87.3	92.3	82.3	R2.3	87.3	82.3
(, F	4.94	5.4	56.6	67.7	73.7	78.9	81.3	82.7	83.1	83.1	A3.2	83.2	P 3 . 2	83.2	83.2	63.2	83.2
ı, F	46691	5.4	56 <b>+</b> 8	67.9	74 • U	79.1	81.5	82.9	83.3	83.3	A3.4	83.4	A 3.4	83.4	83.4	83.4	83.4
, -	ا∩ن ۶۶	c. 4	57.1	68.2	74.3	79.5	31.8	83.3	83.6	83.6	93.7	83.7	83.7	83.7	93.7	63.7	83.7
3 F	30a <b>01</b>	5.4	57.9	69.1	75.2	80.5	82.8	84.3	84.6	84.6	84.7	84.7	яч.7	84.7	P4.7	84.7	84.7
3.6	إملاءن	5.0	58.5	69.9	76.0	81.3	93.6	85.1	85.4	85.4	A5.5	85.5	85.5	85.5	95.5	85.5	85.5
1,5	50001	C . 4	59.7	71.2	77.2	82.6	95.0	86.5	86.9	66.0	A7.0	87.0	87.U	87.D	87.0	47.0	87.0
(. r	15001	5.4	59.9	71.4	77.4	82.8	R5.2	86.9	A7.1	87.1	#7.Z	87.2	P7.2	87.2	87.2	87.2	87.2
o r	1,70	٩, 4	61.5	73.2	79.3	84.8	47.2	89.1	89.5	89.5	89.7	89.7	89.7	A9.7	89.7	89.7	89.7
۱, ۴	12001	r, , u	62.7	74.5	*1.0	A6.5	9.98	90.8	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4
ŗ, r	icont	۴.4	64.0	75.9	92.6	88.4	9U - B	93.0	93.4	93.4	93.6	91.6	93.6	93.6	93.6	93.6	93.6
υf	ا بان ہ	5 . 5	64.9	77.1	93.8	89.7	92.0	94.3	94.6	94.6	94.8	94.9	74.8	94.8	94.8	94.A	94.8
SF	ខΩការ	ζ,ς	65.4	79.0	84.1	90.6	92.9	95.2	95.5	95.5	75.7	95.7	95.7	95.7	95.7	95.7	95.7
12 €	7011	5 . 5	55.7	79.5	95.3	91.1	73.5	95.7	96.1	96.l	96.3	96.3	96.3	96.3	96.3	96.3	96.3
'5 E	40 <b>11</b>	5.46	64.6	79.5	86.6	92.5	94.8	97.1	97.5	97.5	97.8	97.Ŗ	97.8	97.8	97.8	97.8	97.8
6 F	5001	5.6	56.1	80.2	07.5	93.2	95.6	99.0	98.4	98.4	98.7	98.7	98.7	98.7	98.7	99.7	98.7
SF	4671	٠.6	66.7	90.0	97.4	93.3	96.0	98.0	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4
6 E	7001	5.6	56.7	80.2	97.5	93.4	96.1	98.7	99.2	99.2	29.4	99.4	99.4	99.6	99.6	99.6	99.6
(, r	2001	5.6	66.7	80.7	97.5	93.4	76.1	98.7	99.2	99.7	99.6	99.6	99.6	99.7	99.8	99.8	99.8
G.F.	1001	5.6	66.7	80.2	97.5	91.4	¢6.1	98.7	99.2	97.7	99.7	99.7	99.7	99.B	99.9	99.9	100.0
۲, ۴	nl	5.6	66.7	60.2	97.5	93.4	96.1	99.7	39.2	99.7	29.7	99.7	99.7	99.8	99.4	99.9	100.0

TOTAL NUMBER OF ORSERVATIONS:

PERIOD OF RECORD: 75-84

STATETAL STANTOLOGY PRANCH AIR AFATHER SERVICEZMAC

4 .--

PERCENTAGE EPEQUENCY OF OCCURPENCE OF CEILING VERSUS VISIPILITY
FROM HOUPLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFR AL PER100 OF RECORD: 75-84 MONTH: JUN HOURS (LST): 0900-1100 GE 5t 374 GE 5/A ΘE 5/16 1/2 1/4 O NO CETE 1 9.5 47.9 67.6 6,1.6 64.1 54.1 64.1 64.1 UF 20000F 10.1 63.0 68.1 69.1 69.6 69.6 69.6 60.5 69.6 67.6 69.6 69.6 69.6 69.6 66.1 69.6 66.3 66.6 68.5 fH.9 69.9 69.9 70.4 | Teunu| 10\*1 63.1 69.H 69.9 69.9 69.9 69.9 69.7 69.9 69.9 69.9 69.9 70.4 79.4 160001 10.1 65.5 70.3 70.4 711.4 76-4 70.4 70.4 70.4 70.4 140001 10.1 63.9 67.1 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 W. 120001 10.7 73.1 66.3 69.6 71.7 73.2 73.2 73.2 73.2 73.2 73.2 73.2 73.2 73.2 73.2 73.2 100001 10.8 71.0 71.7 74.4 70.5 17.9 74.0 78.7 78.0 79.7 78.U 78.7 78.0 79.7 78.U 78.7 79.0 78.7 78.U 78.7 79.0 79.7 78.0 78.7 73.0 78.7 78.0 78.7 9000 11.n 78.6 #appn| 11.3 7000| 11.3 73.6 74.3 77.6 78.6 81.0 81.5 81.1 81.6 81.1 81.6 81.1 81.6 81.1 81.6 81.1 A1.1 R1.6 81.1 81.6 A1.1 A1.6 79.1 41.1 81.1 81.1 90.1 . , 5 60001 11.6 ,4.5 79.3 H1.7 91.6 81.8 81.5 91.8 81.9 81.8 81.8 81.8 ٠.,• 03.6 84.2 10001 11.2 90 83.8 84.2 83.8 94.2 A3.8 A4.2 74.5 91.4 83.8 A2.7 84.2 45 (01 11.7 80.1 44.1 84.2 10.4 84.2 84.2 84.2 84.2 84.2 4'60| 11.8 3500| 11.9 #4.5 84.6 84.5 85.5 84.6 77.1 P1.L A4.6 84.6 45.0 16.5 86. A6.5 ' - . -42.5 96.5 86.5 96.5 86.5 86.5 86.5 90.2 90.2 90.2 2500 11.8 2501 11.8 01.1 +1 - 1 91.5 04.5 48.4 98.9 93.3 93.6 93.6 71.4 93.4 93.6 93.6 93.6 93.6 93.6 93.6 93.6 14101 11.6 a i, . 1 21.4 93.6 94.1 04.3 94.3 94.3 94.3 94.3 94.3 94.3 15001 11.4 91.1 24.9 45.7 76.1 96.2 96.4 26.4 96.4 96.4 96.4 96-4 96.4 17. 93.0 21.4 97.6 97.9 97.9 97.9 97.9 97.9 1.0 97.9 40001 11.9 93. 99.3 99.7 99.3 97.3 99.3 99.7 99.3 99.0 47.1 99.3 99.1 99.3 99.1 A ... .4. 27. 99.1 94.3 90.4 99.7 99.7 99.7 99.7 99.7 99.7 0.01 11.0 a . . . +4... 39.3 99.4 99.7 99.7 99.7 99.7 99.7 99.7 21.0 99.7 99.7 49.1 99.4 99.R 29.8 97.8 79.A 11.3 94... 97.11 99.1 99.6 99.7 97.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 \*67"| 11.9 %0"| 11.9 94.; 97.1 97.1 100.0 100.0 33. . 99. 29.7 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 a 2 . . 90. 39.7 97.8 100.0 100.0 107.0 100.0 100.0 100.0 100.0 94.3 7001 11.9 2001 11.9 a... 27.1 99.2 29.7 99.4 100.0 100.0 100.0 107.0 100.0 100.0 100.0 100.0 100.0 99.A 190.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 94. 1901 11.9 99. 99.0 100.0 100.0 100.0 01 11.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL SEMBLE OF DESPREATIONS

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GLOHAL CLIMATOLOGY PRANCH.

## PERCENTAGE FREQUENCY OF OCCUPPENCE OF CEILING VERSUS VISIPILITY FROM HOURLY OBSERVATIONS

ATH WEATHER SERVICE /MAC

STATION NUMBER: 772265 STATION NAME: MAYWELL AFB AL

PEPIOD OF RECOPD: 75-84

MONTH: AUG HOURS(LST): 09UD-1100 FILING VISIBILITY IN STATUTE MILES CTILING SE GE 3 2 1/2 . 14 | 56 - 14 | 1 56 - 566 | 1 10 | GE GF GE GF GE 2 1 1/2 1 1/4 GE GE 1/4 5/16 1/4 6 1 5/8 1/2 - 0 40 CE!! 1 9.5 66.0 66.0 50.1 66.0 65 Jupper 10.2 64 .. 68.5 69.4 69.8 70.2 74.3 70.3 70.3 70.3 70.3 79.3 70.3 69.4 69.8 70.2 70.3 70.4 70.3 70.4 55 18000 10.2 57.5 64.2 68.5 79.3 70.3 70.3 70.3 70.3 70.3 70.3 160001 10.2 57.6 70.4 70.4 79.4 70.4 64.3 68.6 70.4 70.4 70.4 190601 19-2 c # . 1 64.7 69.9 7C.3 70.9 70.9 70.9 79.9 70.9 74.9 70.9 70.9 70.9 120001 10.2 72.8 72.9 59.9 66.7 71.6 71.9 72.4 72.4 72.9 77.9 72.9 72.9 72.9 72.9 72.9 GE tornel to.3 76.2 76.2 76.9 62.7 69.5 74.2 15.3 75.7 76.1 76.2 76.2 76.2 76.2 76.2 76.2 76.2 90001 10.3 63.3 70.4 75.9 16.3 76.8 16.9 76.9 76.9 79.7 76.9 76.9 74.3 76.9 76.9 (, F 80001 10.6 70001 10.6 73.2 73.7 71.6 78.2 19.7 79.2 79.1 79.7 79.7 en.2 66.0 79.6 79.7 79.7 79.7 79.7 79.7 79.7 79.7 80.1 80.2 80.2 AD.2 80.2 80.2 50.5 í a E 60001 10.6 74.0 79.7 90.1 80.5 80.6 80.6 80.6 80.6 80.6 80.6 80.6 80.6 90.6 5000| 10.8 4500| 10.8 61.5 19.5 19.1 80.5 80.8 81.5 81.5 81.7 81.5 74.8 75.1 81.0 81.2 81.5 81.7 91.5 91.7 91.5 81.7 A1.5 91.5 81.7 81.6 81.7 1,1 4000 | 10.9 35001 | 11.1 59.4 75.9 RD . 5 81.6 82.7 82.8 82.8 92.8 A 2 . 8 82.8 R2.8 82.8 82.8 77.4 82.0 83.1 97.5 84.2 84.3 84.3 94.3 84.3 84. 1 84.3 84.3 84.3 84.3 25001 12.0 20001 12.0 73.3 81.1 95.9 87.0 87.4 88.1 88.2 A 8 . 2 89.2 88.2 88.2 88.2 82.9 83.1 ٠, ٤ 74.8 87.7 84.8 89.2 89.9 90.0 90.0 90.0 97.0 90.0 90.0 90.0 90.0 2007 12.0 1500 12.0 1500 12.2 90.5 92.7 75.1 98.1 HO.4 89.8 90.4 90.5 90.5 90.5 90.5 90.5 90.5 90.5 90.5 1,0 76.1 34.8 90.2 91.5 91.9 92.6 92.7 92.7 97.7 92.7 92.7 92.7 12001 12.0 95.7 47.B 95.7 95.7 95.7 79.4 93.2 94.5 94.9 95.6 95.7 95.7 95.7 95.7 1007| 17+1 200| 13+1 97.6 95.4 96.8 97.2 97.8 98.7 98.0 98.8 28.0 99.0 99.9 98.0 98.9 90.4 98.0 98.0 98.0 98.0 96.0 . . . 91.1 20.1 98.1 98.8 98.8 Funt 13.2 7601 13.2 4, 5 98.7 99.5 31.4 96.5 99.2 99.2 99.2 99.2 99.5 99.2 99.5 99.2 97.6 98.5 99.1 99.2 99.2 99.5 79.5 99.5 , : 6021 13.2 81.5 27.5 26.7 90. 98.7 99.5 39.6 99.6 99.6 99.5 99.6 99.6 99.6 99.6 99.6 50P | 13.2 400 | 13.2 70P | 13.2 24P | 13.2 91.5 97.0 98.5 99.0 99.0 39.9 99.9 100.0 100.0 100.0 90.9 170.0 100.0 100.0 100.0 100.0 100.0 90.9 21.0 100.0 1นก.ท 100.0 100.0 100.0 100.0 41.5 97.9 97.0 98.5 98.5 99.0 1. F 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 97.6 99.5 ωĒ 1001 13.2 97.9 26.0 90.0 100.0 100.0 100.0 100.U 109.0 100.0 100.0 100.0 99.0 01 17.2 20.0 97.0 29.5 97.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF URSERVATIONS: 2.30

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GEOPAL CLIMATOLOGY ARANCH USAFETAC AIR WEATHER SERVICEZMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 122765 STATION NAME: MAXMELL AFR AL

PE7130 OF RECOPD: 75-84 MONTH: AUG HOURS(LST): 0600-0800 VISTRILITY IN STATUTE MILES CFILING GE 5 14 | SE FEET | 40 5E 6E 3 2 1/2 GE 3/4 5L 6F 6E 2 1 1/2 1 1/4 GE 5/8 G E GE 5/16 ı 1/2 1/4 1 a NO CETE 1 58.4 40.4 62.6 63.2 63.4 63.5 63.7 63.7 63.4 63.7 or lecant 32.6 50.9 60.8 65.7 66.3 66.1 65.1 66.1 66.2 66.3 66.3 12.6 32.6 42.4 50.9 63.1 65.7 3 . C 57.7 66.8 65.1 66.1 66.1 66.1 66.2 66.3 66.3 66.3 160001 42.4 57.7 56.8 65.1 66.1 66.1 66.1 66.2 66.3 66.3 66.3 140001 5.n 32.6 42.4 511.4 57.7 66.8 63.1 120001 12.9 51.5 67.0 61.9 64.4 66.3 67.4 67.4 67.4 67.5 67.6 67.6 100001 34.7 45.2 67.5 70.5 71.1 70.5 71.1 79.6 71.2 70.8 71.3 70.8 71.3 70.8 71.3 3.0 54.2 61.6 65.1 69.5 70.1 70.5 anoni 3.0 35.2 45.6 54.7 62.4 70.0 10.6 71.1 80001 71.9 73.9 74.9 74.9 76.0 75 • 1 76 • 1 75.3 76.3 75.3 76.3 6 E 3.0 58.4 66.0 69.4 74.5 74.9 74.9 75.3 rouni 49.1 73.0 76.G 76.0 76.3 SF 60001 5.1 37.8 47.1 59.1 67.1 70.4 73.4 75.4 76.0 76.5 76.5 76.5 76.6 38.3 78.6 76.3 76.9 77.0 77.5 77.4 78.0 77.4 78.0 77.5 78.1 77.7 78.3 6 E SPARI 3.1 50.4 60.0 68.1 71.4 74.4 77.4 78.0 77.7 77.7 45001 50.3 60.4 68.5 71.9 74.9 78.3 78.3 5 E 6 F 4000) 3500) 3.1 ₹8.9 37.2 50.8 60.9 68.9 69.2 72.4 75.4 75.7 77.3 78.0 78.3 78.4 78.7 78.4 78.7 78.4 78.7 78.5 78.7 79.0 78•7 79•0 77.6 78.8 79.0 ROUDI 3.2 19.9 70.1 10001 40.4 41.6 52.3 53.4 62.5 63.7 79.8 71.9 74.2 75.4 77.3 79.6 79.2 79.9 80.3 A0.3 80.4 80.6 81.9 80.6 80.3 80.6 80.5 81.2 81.6 81.7 81.9 91.6 81.6 81.9 15001 12.2 75.6 77.U (, **r** 5 • 3 5 • 3 41.7 53.5 63.9 78.8 80.8 81.4 81.8 81.8 82.2 82.2 82.2 ٠, ۴ 42.4 54.4 55.2 80.3 82.5 62.9 A 3 . 3 83.4 8 3 . 4 83.5 83.8 13001 43.3 10001 44.6 57.2 77.4 79.9 91.0 93.5 SE GF 86.2 86.9 A7.3 97.4 87.5 87.7 1.7 71.2 86.9 84.8 90.0 90.3 90.3 90.3 81.4 82.7 46.6 60.4 88.7 91.8 95.3 91.3 91.7 91.8 92.2 92.2 91.9 92.2 90.6 5 F 7001 46.9 51.1 73.8 86.6 90.1 92.0 92.7 93.2 93.2 93.5 Full 47.5 75.4 P8.4 91.3 93.4 94.5 94.9 95.1 95.1 95.2 95.4 95.4 95.4 r.un j 5 . A 44.1 85.9 93.9 97.2 98.4 99.0 97.5 98.7 99.5 63.2 90.1 96.0 76.6 97.2 98.4 91.3 98.5 97.5 96.7 97.1 97.5 4001 7001 3.A 46.2 86.7 94.6 63.3 76.4 96.5 97.4 98.3 63.3 99.5 96.9 97.7 99.2 99.5 76.4 98.4 98.9 99.1 2001 44.2 99.4 1001 48.2 86.8 95.3 63.3 76.4 91.0 97.8 93.5 99.1 99.4 99.5 99.A 100.0 100.0 100.0 n) t.a 63. : • F 76.4 96.9 91.6 25. 5 97.8 98.6 99.1 99.4 99.5 99.8 100.0 100.0 100.0

TOTAL NUMBER OF ORSERVATIONS:

GEOMAL CEIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOUGLY OBSERVATIONS

-6-

AIR WEATHER SERVICE/MAC STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-76,78-84 MONTH: AUG HOURS(LST): 0300-0500 FILING VISIBILITY IN STATUTE MILES CFILING LN GE GE 3 2 1/2 SE SF SE 2 1 1/2 1 1/4 GE GF GE GF FELT I 10 1/4 5/8 5/16 1/4 - 6 1 1/2 NO CETE | 1.4 60.7 6E 2000C1 53.9 53.9 68.9 68.9 66.2 1.8 21.0 28.8 63.9 68.9 68.9 69.4 IAPUDI 40.2 59.4 66.2 68.0 68.9 68.9 68.9 69.4 et leurul 21.0 1.0 28.A 40.2 53.9 63.9 68.0 68.9 69.9 68.9 68.9 66.2 68.9 69.4 68.9 be lacon! 1.8 28.6 40.2 53.9 59.4 63.9 66.2 68.0 68.9 68.9 68.9 68.9 69.4 69.4 PE ISCOUL 1.8 59.4 70.8 70.8 10000 32.4 32.4 65.8 73.5 73.5 76.3 76.3 76.3 24.7 76.3 76.3 76.3 76.3 76.7 76.7 76.7 76.1 6€ 9000 44.3 57.4 65.8 75.3 76.3 anuni 1.8 25.6 45.7 61.2 78.1 78.1 33.3 67.6 72.6 77.2 78.1 78.1 78.1 78.5 75.3 78.5 zene 25.6 33.3 68.0 73.1 78.5 78.5 79.0 ⊕ F 60601 25.6 33.3 46.1 61.6 66.0 73.5 76.3 79.1 79.0 79.0 79.0 79.0 79.0 79.5 77.6 78.5 79.5 50001 33.3 74.9 75.8 87.4 80.4 81.3 25.6 46.6 62.6 68.9 79.5 80.4 80.4 80.4 80.8 80.8 1.8 63.5 45001 26.0 47.6 80.4 81.3 A1.3 81.7 515 40001 26.0 26.5 33.8 47.5 64.4 70.8 76.7 77.6 81.3 82.2 82.2 82.2 82.2 82.2 83.1 82.2 83.1 82.6 82.6 34.2 80.4 6.5 Bruni 2.3 26.9 34.7 48.4 65.8 72.1 78.1 A3.6 83.6 83.6 C.F 25un1 27.4 28.3 35.2 36.5 49.3 66.7 73.5 75.8 79.5 81.7 82.2 84.5 84.0 84.9 87.2 84.9 87.2 84.9 87.2 84.9 87.2 84.9 87.2 85.4 87.7 85.4 87.7 5000 51.6 86.3 1900| 1500| 2.3 28.3 28.3 36.5 37.0 52.1 53.4 69.4 70.8 76.3 77.6 82.2 86.8 88.1 97.7 89.0 87.7 89.0 87.7 89.0 87.7 89.0 88.1 89.5 87.7 88.1 89.0 89.5 86.3 G€ 12001 2.7 12.1 90.0 90.9 90.9 90.9 90.9 91.3 inunt 2.7 2.7 28.8 37.4 54.8 55.7 72.6 91.3 91.3 91.8 91.8 GE 89.5 92.2 92.2 9001 90.4 86.8 91.3 PUP 2.7 79.2 74.0 92.7 90.8 90.0 91.8 57.1 υĒ 7001 38.8 74.9 A1.7 88.6 91.3 ¥3.2 94.1 94.1 94.1 94.1 94.1 94.5 94.5 3A . A 6F 4001 57.1 81.7 99.6 93.2 94.1 94.1 94.1 94.1 94.5 21.3 (, E 1001 30 • L 76.3 90.0 95.9 95.9 95.9 96.3 58.4 R3.1 92.7 95.0 95.9 96.3 77.6 96.8 97.3 97.3 98.2 98.6 98.2 I.F 4001 7.7 20.1 40.6 59.4 94.5 91.P 94.5 98.2 98.2 98.2 4.89 98.6 98.6 98.6 1001 59.4 95.0 98.6 99.1 (, F 2.7 30.1 40.6 34.9 92.2 98.6 98.6 99.1 99.1 G, F 2001 40.6 59.4 79.1 94.9 92.2 98.6 98.6 99.5 1601 78.1 98.6 99.6 98.6 υE 2.7 30.1 40.6 59.4 94.9 92.2 25 - 11 97.3 99.1 99.1 99.5 100.0 01 2.7 99.1 99.5 100.0 ', F 30.1 40.6 79.1 94.9 92.2 95.U 97.3 34.6 99.6 98.6 99.1

TOTAL NUMBER OF URSERVATIONS:

GEOBAL CLIMATOLOGY BRANCH

## PERCENTAGE FREQUENCY OF OCCUMPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

PEPIOD OF PECOPD: 75-84

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AIR MEATHER SERVICE/MAC

STATION NUMBER: 72226F STATION NAME: MAXWELL AFB AL

MONTH: JUL HOURS(LST): 2100-2300 VISIBILITY IN STATUTE MILES . . . . . . . . . . . . . CFILII a 1 56 GF IN GE 6.F GE GF GE 7 1 1/2 1 1/4 GE GF GE FEET | 3 2 1/2 5/8 1/2 5/16 NO CETE 1 10.9 53.3 57.9 59.7 59.9 59.9 60.2 60.2 60.2 60.2 69.2 60.2 60.2 60.2 60.2 60.2 6E 200001 13.0 6E 180001 13.0 75.5 75.5 77.3 77.3 17.5 77.5 77.5 77.8 77.8 77.8 77.8 77.8 77.8 71.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 70.1 77.5 77.8 77.8 GE 16CUP! 13.2 GE 14CUP! 13.2 70.2 77.5 74.1 77.6 78.3 78.0 78.6 78.0 78.6 78.0 78.6 78.0 78.6 75.7 77.6 78.0 78.0 78.0 78.0 78.0 78.0 78.3 78.6 78.6 78.6 78.6 78.6 78.6 76.3 GE 120001 13.2 80.9 ь0.9 90.9 80.9 80.9 80.9 A7.6 76.5 84.9 1 unun 1 85.7 6Ł 90001 13.8 8 3 . 4 R5.2 85.4 85.4 85.7 85.7 85.7 85.7 85.7 85.7 85.7 85.7 84.7 87.3 A7.3 80001 14.0 78.5 86.7 87.0 87.0 87.3 87.3 87.3 87.3 97.3 70001 14.0 70.6 84.9 87.0 A7.3 B7.7 R7.7 87.7 B7.7 87.7 87.7 87.7 A7.7 87.7 A 7 . 7 88.0 88.0 88.0 50001 14.0 45001 14.1 88.2 88.8 86.8 GE GE 79.8 88.5 3.38 88.9 BR.A 48.8 8.88 88.8 88.8 88.8 86.0 90.8 87.0 89.3 89.6 89.6 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 4000 14.1 3'00 14.5 91.6 91.0 91.6 91.6 91.3 91.3 91.6 91.6 G.F 91.9 88.7 90.1 91.6 91.6 91.6 91.6 91.6 13.4 92.4 92.8 93.1 93.1 93.1 GF 3000| 14.5 95.2 95.2 84.4 91.1 94.1 94.9 94.9 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95.2 2500| 14.5 2000| 14.6 96.2 97.2 (, ; 35.4 96.0 92.1 92.8 95.1 95.7 95.9 96.7 95.9 96.7 96.2 97.2 96.2 97.2 96.2 97.2 96.2 97.2 95.2 97.2 96.2 97.2 96.2 97.2 96.2 97.2 96.2 97.2 97.5 19001 14.8 93.1 97.5 GE 46.5 96.1 97.0 97.0 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 15001 96.9 97.9 12001 14.8 91.5 94.2 97.2 98.2 98.2 99.7 98.7 98.7 98.7 99.7 98.7 98.7 98.7 98.7 98.7 1000| 14.8 900| 10.8 98.7 99.2 99.2 99.2 99.7 99.2 99.7 99.2 99.2 99.2 99.7 99.2 A7.8 97.7 99.7 99.2 99.2 46.3 95.1 98.2 99.2 99.7 99.7 6.6 7001 14.8 7001 14.8 A9.3 95.1 78.4 99.3 99.3 99.8 99.8 99.8 99.8 99.A 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 6 E 99.8 99.8 98.3 99.3 99.8 99.8 99.8 99.5 6001 14.8 100.0 100.0 100.0 100.0 100.0 100.0 FOOT 14.8 48.5 48.5 98.5 95.2 99.5 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 (, F 99.5 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 300 14.8 200 14.8 95.2 98.5 99.5 GE 98.5 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 G.E. 100.0 88.5 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1001 14.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 98.5 01 14.8 79.5 100.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS: 608

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

#### FERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

120

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84 HOURS(EST): 1800-2000 VISIBILITY IN STATUTE MILES MONTH: JUL CEILING IN | GE FEET | IP GF 4 SE GE 3 2 1/2 GE 1 1/2 GE GE 1/2 GE 5/16 GE GE 1/4 GE 2 1 1/4 1 1/4 5/8 õ NO CEIL 1 7.3 49.6 49.6 49.6 49.6 69.4 69.7 70.1 200001 11.0 63.5 67.8 70.0 70.0 68.9 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 68.1 68.4 69.7 63.8 69.2 69.7 70.3 70.6 70.3 70.3 70.6 GE 18000| 11.1 70.3 70.3 70.3 70.3 70.3 70.3 70.3 160001 11.4 70.1 70.6 71.9 70.6 71.9 70.6 71.9 70.6 SE 70.6 70.6 70.6 140001 11.8 65.5 70.8 71.4 71.4 71.9 71.9 120UN | 12.8 69.2 73.5 75.1 75.1 75.7 74.6 75.7 15.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 GE 100001 13.6 75.6 81.0 81.6 81.5 81.5 82.2 82.1 82.7 82.1 82.7 82.1 82.7 82.1 82.7 82.1 82.7 82.1 82.7 82.1 82.7 82.1 82.7 82.1 82.7 82.7 90001 13.6 76.1 80.5 82.2 85.5 85.7 80001 14.3 70001 14.3 79.0 83.6 85.5 85.7 86.2 86.0 86.2 86.0 86.2 86.9 86.2 86.0 86.2 86.0 86.2 94.9 86.D P6.0 86.0 86.0 86.2 86.2 86.2 6 E 60001 14.3 79.4 84.0 85.5 86.0 86.0 86.6 86.6 86.6 96.6 86.6 90.7 92.1 85.6 87.3 87.1 87.7 89.4 87.7 88.2 90.0 88.2 90.0 88.2 70.0 88.2 90.0 88.2 90.0 88.2 90.0 50001 14.3 88.2 90.0 88.2 90.0 98.2 45001 14.3 90.0 90.0 40001 14.5 35001 14.6 91.2 91.2 91.7 91.7 91.7 91.7 91.7 91.7 GF 93.5 89.1 90.6 91.7 91.7 91.0 85.1 92.5 93.7 93.7 93.8 93.8 5 F 30uni 14.7 2500| 15.0 2000| 15.0 87.8 98.3 94.1 95.7 96.5 97.4 98.1 , 6F 6F 96.8 97.6 96.8 97.4 98.1 97.5 97.5 99.2 97.5 98.2 98.2 98.5 99.2 98.1 98.2 98.2 98.2 94.9 96.7 97.8 9A.3 98.3 99.1 98.5 99.5 94.5 1800| 15.0 88.6 97.8 98.5 98.5 98.5 98.5 15001 15.1 98.5 99.2 G.F 88.9 99.1 99.2 99.2 12001 15.1 71.5 91.6 99.4 98.8 99.7 99.7 99.7 99.7 r, F 9uni 15.1 99.2 95.6 99.9 99.4 99.6 99.8 99.A 99.8 99.8 99.8 99.8 99.8 PUBL 15.1 7001 15.1 39.2 95.6 27.6 99.6 98.9 99.7 99.9 99.9 99.7 99.9 99.9 99.9 99.9 99.9 6.5 89.2 95.6 97.6 94.9 98.9 99.6 99.7 99.7 09.9 99.0 99.9 99.9 6Unl 15.1 95.6 GE 99.9 98.9 99.6 99.7 99.7 99.9 99.9 99.9 99.9 Suct 15.1 99.2 25.6 99.7 99.7 99.9 99.9 99.9 99.9 99.9 100.0 98.9 96.9 99.6 99.7 00.0 GE 4001 15.1 99.2 95.6 97.6 98.9 96.9 99.6 99.7 94.9 99.2 97.6 3001 15.1 97.6 99.9 99.9 SF 96.9 99.7 99.7 99.9 99.7 99.9 99.9 99.9 100.0 2001 15.1 97.6 100.0 1, F 1001 15.1 A9.2 75.6 98.9 98.9 99.6 99.7 44.7 99.9 99.9 99.9 99.0 99.4 99.9 100.0 99.6 G.F 01 15.1 99. 27.6 98.9 99.7 99.7 99.9 49.9 99.4 99.9 99.9 99.9 100.0

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SLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

1

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

(C)

STATION NUMBER: 722265 STATION NAME: MAXWELL AFR AL PERIOD OF RECORD: 75-84 VISIBILITY IN STATUTE MILES MONTH: JUL HOURS(LST): 1500-1700 off13130 GE D 6£ 5 GF 4 GE 6t 3 2 1/2 IN | FEET | 6F GF SE GE GE GF GE 2 1 1/4 GE GE 10 ь 3/4 5/16 ........... NO CETE 1 7.9 46.3 49.8 51.0 51.7 51.7 51.9 51.9 51.9 51.9 51.9 51.9 51.9 51.9 67.9 68.0 6E 200001 12.4 6F 180001 12.6 66.6 69.7 68.8 68.8 68.9 68.8 68.8 68.9 69.8 69.9 68.8 68.8 68.9 68.8 68.8 68.8 62.7 68.7 68.8 68.8 68.9 62.9 66.8 68.1 69.2 68.9 66.9 69.0 30.1 69.0 69.0 70.1 69.9 79.1 69.0 G.F 160001 12.7 69.0 69.0 69.0 69.0 69.0 140001 11-1 70.1 70.1 70.1 70.1 70.1 120601 13.4 70.4 71.7 72.6 10000| 14.8 9000| 14.8 71.6 76.2 77.0 77.5 75.3 78.3 79.0 78.3 79.0 78.4 79.1 78.4 79.1 78.4 79.1 78.4 79.1 78.4 79.1 78.4 79.1 78.4 79.1 78.4 79.1 79.1 79.1 80001 15.3 70001 15.4 74.5 74.9 79.4 80.7 81.6 A1.7 81.9 81.9 81.9 A1.9 81.9 81.9 81.9 81.9 81.9 82.6 GE 80.1 81.4 82.3 82.4 82.6 82.6 82.6 82.6 82.6 82.6 A2.6 82.6 82.6 60001 15.4 84.6 85.7 89.2 500ml 15.6 84.6 A4.6 4500 15.6 85.4 84.8 85.7 89.2 85.7 89.2 85.7 89.3 92.4 GE 77.6 8 3 - 1 94.4 A5.5 85.7 A5.7 85.7 89.3 85.7 89.3 85.7 89.3 85.7 40601 15.0 96.1 88.9 35.01 15.3 ы 43.3 88.9 90.6 91.7 91.8 92.2 92.2 92.2 92.2 92.4 92.4 92.4 92.4 92.4 96.3 96.1 96.9 96.7 96.7 96.8 96.9 96.9 96.9 96.9 93.3 97.1 97.3 98.5 95.1 96.5 96.6 97.1 97.1 97.2 97.3 97.3 97.3 97.3 97.3 97.7 6,5 20001 16.8 48.6 94.5 96.3 97.8 98.3 78.3 94.3 98.4 99.5 98.5 98.5 98.5 18un1 16.9 48.9 89.4 94.6 1.1 96.5 98.0 98.5 99.0 98.7 98.7 99.2 98.5 98.5 98.6 99.1 98.7 98.7 98.7 98.7 99.2 150CL 17-1 75.3 99.0 17001 17.1 95.5 48.7 98.8 99.5 99.6 99.6 99.6 11a01 17-1 95.6 97.4 98.8 98.8 78.4 78.9 99.5 99.5 99.5 99.6 99.5 99.6 99.6 99.7 99.7 99.7 99.8 99.7 99.8 99.7 99.1 2001 17.1 94.7 POG | 17.1 19.7 95.6 95.6 97.4 98.8 98.8 98.9 99.5 97.6 99.6 99.7 99.R 99.8 99.8 99.8 99.8 99.8 ... 99.7 7001 99.6 99.8 99.9 U. fuel 17.1 99.7 95.6 97.4 94.9 99.7 99.7 99.9 99.9 99.9 fant 17.1 95.6 95.6 97.4 98.8 98.9 98.9 99.0 99.6 99.7 99.8 99.7 99.8 99.8 99.9 99.9 99.9 100.0 89.1 99.9 99.9 4001 17.1 99.9 100.0 100.0 100.0 100.0 300| 17.1 200| 17.1 95.6 97.5 98.9 98.9 99.0 99.7 99.8 99.8 99.8 99.8 ı, F 44.7 99.9 100.0 100.0 100.0 100.0 99.9 100.0 100.0 100.0 100.0 100.0 100.0 1601 17.1 100.0 nt 17.1 100.0 100.0 100.0 100.0 100.0 100.0

4

GLOSAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCUMPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

PERIOD OF RECORD: 75-84

(1)

AIR MEATHER SERVICE/MAC STATION NUMBER: 720265 STATION NAME: MAXWELL AFR AL

MONTH: JUL HOURS(LST): 0900-1100 VISIBILITY IN STATUTE MILES CFILING GE GF 2 1 1/2 GE 1 1/4 GE 5/16 6£ 19 6 F 4 6E 6E 3 2 1/2 GE 1/4 GE O FEFT | 5/8 1/2 ı 3/4 NO CETE | 56.9 56.9 53.7 56.9 56.9 56.9 56.3 64.7 65.1 65.4 GE 200001 54.5 58.6 64.2 64.7 64.7 41.3 64.3 64.7 64.7 65.4 65.4 65.4 54.6 59.1 64.6 65.1 65.4 G.F 180001 4 . R 61.6 64.5 65.1 65.1 65.1 65.1 160001 4 . A 64.8 65.4 65.4 65.9 65.4 65.4 υĒ 61.4 14000 59.6 65.5 65.9 65.5 65.9 65.9 65.9 63.4 69.7 69.7 69.7 69.7 69.7 GE 120001 5.1 59.0 66.0 69.1 69.2 69.7 69.7 69.7 69.7 69.7 67.4 73.8 74.1 100001 5.1 62.8 70.0 /3.7 73.5 73.3 73.7 73.A 74.1 73.8 74.1 73.A 74.1 73.8 74.1 73.8 74.1 73.8 74.1 73.8 74.1 73.8 74.1 73.8 74.1 9(00) 63.0 67.7 70.3 5.5 65.4 72.7 72.7 75.9 75.9 76.0 76.0 76.5 G.F 80001 70.1 7000 70.1 GF 60001 65.5 70.2 76.0 76.1 76.6 76.6 76.6 76.6 76.6 76.6 76.6 76.6 scual 70.8 71.2 77.1 77.5 77.1 77.5 77.1 77.5 77.1 77.5 5.6 5.8 73.5 73.8 76.6 77.0 76.7 77.1 77.1 77.5 71.1 77.5 77.1 77.1 77.5 77.1 77.5 77.1 77.5 6 E 4"001 56.3 72.3 73.8 7A.1 78.6 80.2 40001 67.1 78.6 78.6 7A.6 78.6 78.6 78.6 78.6 6 E 30601 6.3 68.5 76.5 79.8 90.2 80.2 80.2 80.2 90.2 80.2 80.2 80.2 80.2 AU.1 GE GE aren! 85.8 88.7 86.2 86.2 89.1 86.2 86.2 82.5 85.4 85.7 86.2 86.2 86.2 86.2 86.2 20001 6 . P 76.3 71.0 A2.3 88.6 89.1 89.8 89.2 ĢE 19001 6.8 86.0 89.4 89.8 89.8 89.8 89.8 99.8 93.0 89.8 89.8 89.8 89.8 85.6 68.2 15001 6.9 79.9 92.2 92.3 92.8 92.8 92.8 93.0 93.0 93.0 93.0 93.0 **ن** و 17001 9.19 95.6 95.6 95.6 91.5 94.8 95.4 95.4 95.6 95.6 95.6 10601 6.9 R 3 . 4 90.2 93.5 97.2 97.7 97.4 95.0 98.2 98.7 98.2 98.7 98.2 98.7 98.4 99.4 99.9 98.4 99.4 98.9 98.4 98.4 98.9 98.4 98.9 ១០០៤ 90.5 99.1 99.4 84.1 84.1 94.4 98.2 98.3 98.4 98.5 99.1 99.2 99.1 99.2 99.4 99.4 99.9 99.4 99.4 99.5 99.4 €, € Funt 6.9 90.9 4.0 98.6 99.6 6,6 furl 6.9 94.1 91.6 94.7 98.8 99.6 99.6 99.9 99.9 99.9 99.9 99.9 99.9 99.9 6.9 91.0 91.0 99.7 99.7 99.7 99.7 100.0 100.0 100.0 100.0 Sont 8 a . t 94.7 98.9 100.0 100.0 100.0 4001 84.1 74.7 94.7 98.9 GE 100.0 100.0 100.0 100.0 UF GE 91.0 91.0 98.7 98.7 99.7 99.7 3001 6.9 84.1 94.7 98.9 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 2001 84.1 94.7 98.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

99.7

100.0

100.0

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TOTAL NUMBER OF ORSERVATIONS: 930

91.0

94.7

01 6.9

GLOPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICEZMAC PERCENTAGE FPECUENCY OF OCCURPENCE OF CFILING VFRSUS VISIBILITY
FROM HOURLY OBSERVATIONS

(Cr.\_

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL PERIOD OF RECORD: 75-84 MONTH: JUL HOURS(LST): 1200-1400 CEILING VISIBILITY IN STATUTE MILES IN 1 FEET 1 GE 3/4 GE 5/8 GF 6 E 0 10 1/2 5/16 1/4 53.7 NO CETE 1 6.3 47.4 51.2 53.1 53.5 53.6 53.7 53.7 53.7 53.7 GE 180001 59.2 59.3 63.0 65.3 65.4 66.0 66.2 66.2 66.2 66.2 66.2 66.2 66.2 66.2 66.2 66.2 66.1 66.3 66.3 63.3 160001 9.⊓ 59.5 65.7 66.3 66.4 66.5 66.5 66.5 66.5 66.5 66.5 66.5 66.5 66.5 140001 9.2 67.0 67.1 67.2 GE 60.2 66.3 67.2 67.2 67.2 67.2 67.2 67.2 120001 63.6 711.6 70.6 70.6 70.6 70.6 70.6 70.6 70.6 SE 10000 10.4 SE 9001 10.4 74.3 74.9 77.5 74.4 75.1 77.6 74.4 75.1 77.6 73.5 74.4 75.1 77.6 74.4 74.4 75.1 77.6 74.4 75.1 74.4 75.1 74.4 75.1 77.6 68.0 71.8 74.2 74.9 75.1 75.1 8000| 10.5 7000| 10.5 74.4 70.6 76.8 77.6 77.6 77.6 77.6 78.0 77.6 70.8 74.7 77.1 77.A 77.9 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0 crunt in.s 71).8 77.1 78.0 78.0 78.0 78.0 78.0 79.0 78.0 78.0 78.0 50001 10.5 78.1 78.4 71.1 75.1 77.4 78.2 78.3 78.6 79.3 79.6 78.3 78.6 78.3 78.6 GE GE 78.3 78. 1 78.3 78.3 75.4 77.9 45001 10.6 71.4 77.8 76.5 78.6 78.6 4000| 11.3 3500| 12.0 81.2 85.9 81.3 86.0 81.5 81.5 81.6 81.6 86.4 81.6 81.6 86.4 81.6 86.5 81.6 86.5 81.6 81.6 GE 73.7 80.6 CF 30001 13.0 84.7 92.8 93.7 94.3 85.7 87.0 87.0 91.0 92.3 92.3 95.1 96.5 96.5 97.5 95.7 97.1 97.1 94.1 95.5 95.6 97.0 95.6 97.0 95.7 97.1 95.7 97.1 95.8 97.2 95.8 97.2 25001 13.2 94.9 95.7 97.1 95.8 97.2 95.8 2007 13.3 2007 13.3 1800 13.3 üΙ 96.3 1) F 95.5 96.3 97.1 97.0 97.0 97.1 97.1 97.1 97.2 97.2 97.2 97.2 P7.8 96.2 98.1 98.1 98.2 98.3 98.4 98.4 98.4 98.4 61 12071 (, F (, E 10001 13.3 88.4 88.4 93.7 97.U 97.U 97.8 97.8 98.3 98.3 98.8 98.8 98.8 98.8 98.9 98.9 99.0 99.0 99.0 99.0 99.1 99.1 99.1 99.1 99.1 99.1 #00 13.3 97.1 97.9 98.4 98.9 99.0 99.1 99.1 99.1 99.2 99.2 700 | 13.3 93.8 GF 98.6 97.9 98.5 99.0 99.0 99.1 99.2 99.7 99.2 99.4 79.4 99.4 99.4 500| 13.3 98.7 94.2 97.4 98.3 98.8 99.4 99.4 99.5 99.6 99.6 99.7 99.6 99.7 99.7 99.7 4001 13.3 3001 13.2 2001 13.3 98.8 98.9 98.9 99.5 AB.7 97.4 99.4 99.4 99.6 99.6 99.6 i.F 94.2 98.1 99.9 99.9 99.9 99.9 94.2 99.4 1, F 100.0 100.0 100.0 100.0 100.0 3P.7 94.2 77.4 98.4 99.5 99.5 99.6 99.7 99.7 99.7 100.0 100.0 1001 13.3 48.7 98.9 99.5 99.6 99.7 99.7 99.7 100.0 100.0 100.0 01 11.3 97.4 88 . 7 96.9 49.5 99.5 99.6 79.7 99.7 99.7 100.0 100.0 100.0 100.0

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL PERIOD OF RECORD: 75-84 MONTH: JUL HOURS (LST): 0600-0800 VISIBILITY IN STATUTE MILES CEILING GE GF 3 2 1/2 SE SE SE 2 1 1/4 GE 1 GE 1/4 LN GE 6 G.E. GF GE GE O FEET 5/8 1/2 5/16 NO CETE 1 2.4 30.4 40.4 46.8 52.2 53.9 56.0 56.7 56.8 57.3 57.5 57.6 57.6 57.6 57.6 57.6 62.6 6E 200601 45.5 51.9 52.2 57.6 57.8 59.5 59.7 61.8 62.7 63.2 63.5 63.5 63.5 2.5 63.4 63.5 63.5 34 . 1 et recoul 45.7 52.2 62.0 62.8 62.9 63.4 63.7 63.8 63.8 34.1 63.8 62.6 65.8 140001 46.1 52.6 58.3 66.1 63.3 63.4 64.0 64.2 64.3 64.3 64.3 64.3 63.2 52.8 52.8 55.1 59.8 60.5 63.3 71.3 72.2 71.4 72.3 75.2 71.9 72.8 75.7 72.2 73.0 75.9 GE 100001 38.9 39.4 66.0 67.8 70.5 72.3 73.1 72.3 73.1 76.3 72.3 73.1 72.3 73.1 3.0 72.3 73.1 3.0 68.7 90001 66.9 71.4 74.3 74.5 76.0 aroni 41.6 69.7 GE 76.0 3.1 75.1 76.0 76.0 7000 75.9 76.1 76.2 76.2 10004 41.9 55.6 63.9 70.2 72.2 74.8 75.6 76.2 76.6 76.6 76.6 16.6 76.6 17.2 17.6 50001 45001 42.4 56.0 56.5 64.4 64.8 70.9 71.3 72.8 73.2 75.5 75.9 76.2 76.7 76.3 76.8 76.9 77.3 77.2 77.6 77.2 77.6 eroni 3.5 43.4 57.4 58.3 65.6 72.4 73.2 74.3 75.2 77.0 77.8 77.7 78.6 77.8 78.7 78.4 79.2 78.6 79.5 78.7 79.6 78.7 79.6 78.7 79.6 78.7 79.6 6 F 78.7 30001 58.7 67.2 75.9 78.6 79.4 80.0 81.2 80.3 80.3 80.3 80.3 80.3 59.1 60.1 67.8 74.7 75.8 79.5 80.5 80.2 81.3 80.3 80.9 81.9 81.1 81.2 82.3 81.2 82.3 81.2 82.3 81.2 82.3 81.2 25001 3.7 44.5 76.8 77.8 20001 45.3 68.8 GE 15001 45.4 60.2 68.9 70.8 75.9 77.8 78.0 79.9 80.6 81.4 82.4 84.5 82.4 82.4 84.5 82.4 82.4 82.6 83.4 84.2 10601 50.4 51.7 89.5 88.7 A9.7 90.0 90.0 91.5 65.8 67.2 75.3 82.6 84.1 88.8 90.3 90.0 90.0 90.0 90.04 91.4 91.5 GF 4.0 76.8 86.6 91.5 91.5 92.5 68.4 .2.6 78.1 65.4 90.8 92.8 92.8 PUPI 97.8 91.5 91.6 97.7 92.8 92.8 92.6 53.3 GE 7001 4.0 79.2 89.1 92.9 93.0 94.1 94.2 94.2 94.2 94.2 71.0 P().9 91.2 94.2 96.3 96.3 96.3 96.3 96.3 95.1 cunt 4 . () 4 . () 97.8 98.7 54.8 54.8 R1.5 89.1 89.6 91.5 95.1 95.7 96.2 97.0 97.1 97.8 97.5 98.3 97.6 97.7 98.5 98.6 71.6 96.0 97.8 1, F 4601 72.C 96.8 3001 4.0 54.8 12.0 A1.9 A9.7 95.8 95.0 98.2 98.3 94.7 99.0 98.9 99.1 99.2 92.7 96.9 47.1 99.0 99.5 7001 4.0 72.0 11.9 97.0 99.6 99.8 6.5 tool 4.0 54 . R 12.0 91.9 A7.7 92.8 95.9 97.0 97.2 98. 1 99.7 99.2 99.4 99.5 99.7 100-0 GE 01 4.0 54.8 12.6 81.9 H9.7 94.8 45.9 97.0 97.7 98.3 99.0 99.2 99.4 99.5 99.7 100.0

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY
FROM HOURLY OBSERVATIONS

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STATION NUMBER: 722265 STATION NAME: MAXMELL AFR AL

PERIOD OF RECORD: 77-84 HOURS(LST): 0300-0500 MONTH: JUL VISIBILITY IN STATUTE MILES CEILING GE GE 3 2 1/2 IN GE GF GE 2 1 1/2 1 1/4 GF 1 GE GE 1/2 FELT 5/8 5/16 1/4 10 3/4 40 CEIL | 1.P 50.9 50 - 1 GE 200001 24.8 45.9 64.2 64.7 67.0 2.3 46.3 56.0 64.7 65.6 67.0 67.4 67.9 GE 180001 36.2 60.1 66.1 67.9 67.9 67.9 25.2 160001 2.3 36.7 46.8 56.4 60.6 65.1 67.4 68.3 68.3 66.3 66.1 66.5 68.3 56.9 GE 140001 37.2 47.2 61.0 65.1 65.6 66.5 67.0 67.9 68.3 68.8 68.8 68.8 68.8 120001 63.3 68.3 69.3 69.7 70.6 71.1 71.6 71.6 71.6 71.6 40.8 50.9 50.9 GE 100001 61.0 65.1 72.9 73.4 73.4 73.4 73.4 28.0 70.2 71.1 71.1 71.6 71.6 72.5 73.4 73.4 73.4 73.4 2.3 69.7 90001 69.7 70.2 77.5 72.9 80001 30.7 75.7 77.1 77.5 78.9 G. 2 • 3 2 • 3 44.0 55.0 65.1 69.7 74.3 75.7 74.8 76.1 77.5 78.0 78.0 79.4 78.0 79.4 78.0 79.4 70001 31.2 66.5 71.1 UE 1909 31.2 44.5 56.9 67.0 71.6 76.1 76.6 77.5 78.0 79.4 79.8 79.8 79.8 79.8 G E G F 50001 45001 2.3 2.3 31.7 31.7 45.0 45.0 57.3 67.9 72.5 72.5 77.1 77.1 77.5 77.5 78.4 78.4 78.9 78.9 79.8 79.8 A0.3 AO . 7 80.7 80.7 80.7 80.7 80.7 67.9 80.7 2.3 45.9 46.8 58.3 59.2 68.8 67.7 73.4 74.3 78.0 78.9 78.9 79.8 80.3 81.2 81.7 82.1 83.0 82.1 83.0 82.1 83.0 40001 32.1 79.8 81.2 82.1 35001 32.6 80.7 82.1 83.0 30u01 47.2 59.6 71.1 75.7 81.2 25001 32.6 31.9 47.2 48.6 59.6 61.0 71.1 72.9 75.7 77.5 81.2 83.0 80.3 82.1 83.9 82.6 84.4 83.5 83.9 85.8 84.4 84.4 86.2 84.4 84.4 82.1 86.2 2.A 48.6 50.5 83.O 86.2 SF 10001 33.9 61.0 72.9 77.5 82.1 03.9 84.4 85.3 85.8 89.4 86.2 89.9 86.2 89.9 86.2 15001 35.8 76.1 88.1 63.8 A1.2 85.8 86.7 A7.6 89.0 R9.9 12001 50.5 86.7 ורטחן 7.7 35.8 16.2 82.1 83.9 91.7 89.9 92.2 91.7 94.0 91.7 91.7 87.2 88.1 89.4 97.4 91.3 90.4 GE 51.4 66.1 78.9 89.4 93.6 94.0 94.0 Acn| 52.3 67.0 79.8 84.9 85.8 90.4 91.3 92.7 94.5 95.0 95.0 95.0 95.0 93.1 94.0 G.F 7001 17.3 52.3 67.0 80.7 92.2 93.6 95.0 95.4 95.9 95.9 95.9 53.2 6001 61.9 81.7 87.2 92.7 93.6 95.D 95.4 96.3 96.8 97.2 97.2 97.2 97.2 7.7 Sort 10.1 82.6 98.1 98.1 94.5 94.5 97.2 91.7 98.2 98.2 98.6 98.6 99.1 5 3 . 7 AH . 3 95.9 96.3 98.6 98.6 3.7 38 - 1 38 - 1 99.1 99.1 9001 53.2 68.3 H2.6 96.3 96.8 53. 94.5 GF 3001 60.5 82.6 88.1 93.6 96.3 96.8 97.7 98.2 98.6 99.5 ខាត់ព្រះ 48.5 96.1 94.5 98.2 98.6 96.3 96.8 1001 1.7 38.1 53.2 68.3 82.6 88.1 94.5 96.3 96 . R 97.7 98.2 98.6 99.1 99.5 100.0 n| 3.7 82.6 93.6 94.5 96.3 96.8 97.7 98.2 98.6 99.5 100.0

TOTAL NUMBER OF UBSERVATIONS:

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GLOBAL CLIMATOLOGY RRANCH USAFETAC AIR WEATHER SERVICE/MAC

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VFRSUS VISIBILITY
FROM HOUFLY OBSERVATIONS

130

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL PERIOD OF PECORD: 75-84 MONTH: JUN HOURS(LST): 2100-2300 VISIRILITY IN STATUTE MILES CETLING GF 4 6E GE 3 2 1/2 6E 5 6E GF GE 7 1 1/4 GE GE GΕ 6E IN | GE FEET | 10 1 1/2 1/4 ь 3/4 5/8 5/16 ā 69.0 70.5 70.5 NO CETE | 13.4 67.0 70.5 70.5 70.5 70.5 79.5 70.2 70.5 70.5 70.5 70.5 70.5 85.3 85.4 85.4 85.3 85.4 GE 200001 15.1 83.6 83.6 85.3 85.4 85.3 85.4 95.3 85.4 81.2 84.9 95.3 85.3 85.4 85.3 85.4 85.3 85.4 A5.3 R5.4 85.3 85.4 85.3 85.4 18000 15.1 85.1 85.4 A5.4 85.4 GE 160801 15.1 GE 140001 15.2 85.4 85.4 85.4 91.4 83.8 85.1 95.4 85.4 85.4 85.4 85.4 85.4 86.1 86.1 86.1 86.1 96.1 86.1 86.1 86.1 GE 120001 15.6 83.4 85.8 R7.1 87.4 87.4 87.4 87.4 87.4 87.4 87.4 87.4 87.4 87.4 87.4 95.8 86.4 88.6 A9.9 90.3 91.0 90.3 90.3 91.0 90.3 91.0 90.3 91.0 90.3 91.0 90.3 91.0 90.3 90.3 91.0 100001 16.1 90.3 90.3 90.3 suuni 16.1 91.0 91.0 91.0 GE 8000| 16.1 7000| 16.1 A7.6 A7.8 90.5 91.8 92 • 1 92 • 3 92.1 92.1 92.1 92.3 92.1 92.1 92.1 92.1 92.0 90.6 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 60UP 1 16.1 92.3 90.6 G E 50001 16.2 88.6 90.1 93.0 93.3 93.3 93.3 93.3 45001 16.6 93.1 94.6 95.0 95.0 95.0 95.0 95.0 97.0 95.0 97.0 95.0 95.0 97.0 95.0 95.0 97.0 95.0 97.0 95.0 97.0 40001 16.9 92.0 95.U 96.5 97.0 97.0 97.0 97.0 97.0 97.0 98.2 GE 35001 16.9 92.8 96.1 97.7 98.2 98.2 98.2 98.2 98.2 98.2 99.7 98.2 98.2 98.2 97.5 99.3 09.3 99.3 94.0 98.8 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 25001 17.1 97.3 97.3 94.0 98.8 98.8 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 G.F 20001 17.1 94.0 99.3 99.3 99.3 99.3 18001 17.1 99.3 6F 94.0 99.3 99.3 97.3 98.8 99.3 99.3 99. 1 99.3 99.3 99.3 99.3 99.3 99.3 15001 17.1 94.1 99.5 99.8 6 F 12001 17.3 94.5 97.8 99.3 99.8 99.8 99.8 99.8 99.4 99.4 99.8 99.8 99.8 99.8 99.8 1000 17.3 9001 17.3 99.5 99.8 99.8 97.8 99.8 99.8 99.8 24.5 97.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 94.5 97.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 (a F RUT | 17.3 700 | 17.3 94.5 97.8 99.5 99.8 99.8 97.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 94.6 i. F 6001 17.3 99.5 100.0 100.0 100.0 100.0 5001 17.3 4001 17.3 94.6 98.U 98.U 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 140.0 100.0 100.0 100.0 100.0 100.0 100.0 100 | 17.3 200 | 17.1 74.6 94.6 98.0 99.5 100.0 100.0 100.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 98.6 99.5 100.0 100.0 100.0 100.0 100.0 100.0 190.0 100.0 100.0 100.0 100.0 100.0 98.0 100.0 100.0 100.0 100.0 100.0 170.0 100.0 100.0 100.0 100.0 100.0 100.0 98.0 99.5 103.0 190.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

GLOBAL CLIMATOLOGY RRANCH USAFETAC AIP WEATHER SERVICE/MAC

#### PERCENTAGE FREWHENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 75-84

1

C.

STATION NUMPER: 722265 STATION NAME: MAXWELL AFB AL

NUL : HINOM HOURS(LST): 1800-2000 CETEING | GE . . . . . . . . . . . . . .......... VISIBILITY IN STATUTE MILES GE GF GE GE 2 1 1/2 1 1/4 1 GE GE GE 5 υ**ξ** 4 GE FEET | 3 2 1/2 10 6 3/4 5/8 1/2 5/16 1/4 ົດ 59.7 NO CETE | 12.1 61.4 63.2 62.9 63.2 63.2 63.2 63.2 63.2 63.2 63.2 63.2 63.2 63.2 63.2 GE 20000| 15.2 GE 18000| 15.2 79.7 79.5 79.5 78.7 79.5 79.5 76.9 78.3 78.7 78.7 79.5 78.7 79.5 79.5 78.7 79.5 79.5 78.7 78.7 78.7 7 A . 7 78.7 79.1 79.1 79.5 79.5 79.5 79.5 79.5 79.5 79.5 79.5 76.0 77.7 79.5 GE 160001 15.2 77.7 79.5 79.5 76.U 79.5 AU.5 14CUN | 15.4 77.3 79.0 80.8 80.8 80.8 (, F 120001 15.7 79.3 81.3 A2.7 83.1 83.1 83.1 B3.1 63.1 93.1 83.1 83.1 83.1 A3.1 83.1 83.1 10000| 15.6 9000| 16.6 87.4 88.2 87.8 87.8 88.6 87.8 87.8 88.6 87.8 88.6 (, r 84.0 86.0 87.9 87.8 87.8 87.8 86.8 88.6 89.6 88.6 88.6 88.6 88.6 88.6 87.5 87.7 89.6 89.7 91.4 91.5 91.4 91.4 üΕ 8000 16.9 91.0 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 7000 16.9 91.1 91.5 91.5 91.5 91.5 91.5 91.5 91.5 91.5 91.5 47.8 60001 16.9 A Q . Q 91.4 5000| 16.9 4500| 16.9 89.3 91.5 92.9 93.3 93.3 93.3 93.3 93.3 93.3 93.3 6 E 93.3 93.3 93.3 93.3 90.9 93.2 94.6 94.9 94.9 94.9 94.9 94.9 94.9 4000| 17.2 3500| 17.2 92.3 94.5 96.3 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 6 E 95.4 98.0 98.0 98.0 99.0 98.0 98.0 98.0 98.0 98.0 30001 17.2 98.8 99.6 99.6 99.6 99.4 99.6 99.6 99.6 99.6 99.6 99.6 97.0 97.1 99.6 99.7 99.7 99.6 99.7 99.6 99.6 99.6 99.6 99.4 99.6 99.6 99.6 99.7 υE 20001 17.2 94.6 98.9 99.6 99.6 99.6 99.7 99.7 99.7 99.7 18001 17.2 77.1 99.6 74.6 98.4 99.6 99.7 99.6 99.7 99.7 99.7 99.7 99.7 99.7 GF 15001 17.2 94.7 97.7 99.4 99.7 99.7 99.8 99.8 99.8 99.8 99.8 99.8 12001 17.2 99.1 99.8 99.8 G E 99.R 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 10001 17.2 97.8 97.8 99.B 100.0 100.0 6.5 99.1 99.9 100.0 100.0 100.0 100-0 100.0 100.0 100.0 G F 900 17.2 24.7 97.2 79.1 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 ROOT 17.2 99.9 99.8 94.7 97.2 99.1 to E 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 120.0 100.0 7001 17.2 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6 F 6001 17.2 94.7 97. 99.1 92.8 99.A 00.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 97.2 99.1 99.9 (.F 5001 17.2 94.7 99.8 99.8 100.0 100.0 103.0 100.0 100.0 94.7 97.4 99.8 4001 17.2 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 3001 17.2 2001 17.2 97.2 99.8 99.9 99.9 GF 94.7 99.1 99.A 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 09.1 99.8 94.7 100 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.8 1001 17.2 97.2 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

GLOBAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREWULNCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY
FROM HOUPLY OBSERVATIONS

PERIOD OF RECORD: 75-84

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STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

MONTH: JUN HOURS(LST): 1500-1700 CFILING VISIBILITY IN STATUTE MILES GE 1 IN 1 GE FEET 1 1 GE GE GE 3 2 1/2 GE GE GE 2 1 1/2 1 1/4 GE 3/4 GE 5/8 GE 1/4 GE 38 0 1/2 5/16 NO CETE 1 12.1 58.4 60.0 61.4 61.4 61.4 61.4 61.4 GE 200001 15.6 75.9 77.2 77.2 77.2 77.2 77.2 77.4 180001 15.6 G F 74.3 76.1 77.4 77.4 77.4 77.4 77.4 77.4 77.4 77.4 77.4 77.4 77.4 GF 16FUNT 15.6 77.4 77.4 77.4 77.4 77.4 77.4 77.4 77.4 77.4 77.4 77.4 140001 15.8 75.1 76.9 78.2 78.2 78.2 78.2 78.2 78.2 78.2 79.2 78.2 78.2 78.2 78.2 78.2 6E 120001 16.3 76.2 78.0 79.3 79.3 79.3 79.3 10000| 17.3 5 F 80.2 82.0 82.9 R3.4 R4.3 83.4 83.4 84.3 83.4 84.3 83.4 84.3 83.4 83.4 83.4 84.3 83.4 83.4 84.3 83.4 84.3 83.4 84.3 83.4 84.3 5.5 81.1 84.3 84.3 84.3 85.1 80001 17.7 R3.3 86.4 86.4 86.4 86.4 86.4 6 E 86.4 86.4 86.4 86.4 86.4 86.4 86.4 86.4 70001 17.7 GE 60001 17.7 83.5 85.3 86.6 46.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 5000| 17.7 4500| 17.7 87.0 87.4 88.3 88.8 88.3 88.3 88.8 88.3 88.3 89.3 89.8 88.3 88.8 88.3 88.3 88.8 88.3 95.2 98.3 88.3 88.3 85.6 88.8 88.8 88.8 GE GE 4000| 19.2 3500| 19.2 88.7 90.8 92.5 92.3 94.2 92.3 92.3 92.3 92.3 94.2 92.3 94.3 92.3 94.3 92.3 92.3 94.3 92.3 94.3 92.3 92.3 92.6 GE 30001 18.2 93.7 98.0 98.2 98.2 98.2 98.4 2500| 19.2 2000| 19.2 1800| 19.2 96.6 GF 94.1 98.7 98.7 98.7 98.7 98.7 98.9 98.9 99.1 98.9 99.1 94.3 98.5 98.5 98.9 96.9 98.9 99.1 99.1 99.2 99.2 ÚΕ 98.9 98.9 98.9 99.1 99.2 96.9 98.9 98.9 98.9 99.1 99.1 99.1 9 E 15001 19.2 94.5 97.2 98.9 99.3 94.3 99.3 99.3 99.3 99.6 99.6 99.6 99.6 99.6 99.7 99.7 SE GE 10001 18.4 94.7 97.4 99.1 99.6 99.6 99.7 99.9 99.9 99.9 99.7 99.7 99.9 99.9 100.0 100.0 9001 19.4 94.7 97.4 99.1 99.6 94.6 99.7 99.7 99.7 99.9 99.9 99.9 99.9 100.0 100.0 BUD! 18.4 G F 24.7 97.4 99.1 99.6 99.6 99.7 99.7 99.9 99.9 99.9 99.9 99.9 100.0 100.0 G F 7UPL 13.4 94.7 97.4 99.1 99.6 99.6 99.7 99.7 99.9 99.9 100.0 6001 18.4 74.7 GF 29.1 99.6 29.6 99.7 99.7 99.9 99.9 99.9 100.0 100.0 6.00 | 18.4 400 | 18.4 300 | 18.6 94.7 97.4 99.6 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 6 F 99.1 99.6 99.7 99.7 99.9 100.0 100.0 99.1 100.0 100.0 74.7 97.4 99.1 99.6 99.6 99.7 99.7 99.7 99.9 99.9 99.9 G.F 99.7 99.9 99.9 100.0 100.0 99.7 99.9 100.0 100.0 99.6 29.6 GF 1001 14.4 94.7 97.4 99.1 99.7 99.7 99.9 99.9 99.9 99.9 100.0 99.6 99.1 99.9 01 18.4 94.7 97.4 4-00 99.7 99.7 49.7 99.9 100.0 100.0

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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GLOBAL CLIMATOLOGY BRANCH USAFETAC

AIR WEATHER SERVICE/MAC

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL PERIOD OF RECORD: 75-84 NUL : HTNOM HOURS(LST): 1200-1400 VISIBILITY IN STATUTE MILES CEILING IN | FEET | GE GE 3 2 1/2 GE GF 2 1 1/2 GE 1 1/4 GE 3/4 GE 1/2 GE 5/16 GE 1/4 GE O 10 5/8 6 72.4 72.6 72.7 72.4 72.6 72.7 72.4 12.6 12.7 72.4 72.6 72.7 73.4 72.4 72.6 72.7 73.4 72.4 72.6 72.7 73.4 72.4 72.6 72.7 73.4 72.4 72.6 72.7 72.4 72.6 72.7 73.4 72.4 72.6 72.7 200001 69.1 69.4 70.5 70.7 72.4 72.6 72.7 72.4 72.6 72.7 72.4 72.6 180001 13.1 72.7 69.5 SE 160001 70.8 13.1 GE 140001 13.1 70 - 1 71.5 73.4 73.4 73.4 73.4 73.4 73.4 73.4 GE 120001 13.8 75.2 75.2 71.9 73.3 75.2 75.2 75.2 75.2 75.2 75.2 75.2 75.2 75.8 76.3 79.1 79.7 79.1 79.7 79.1 79.7 79.1 79.7 79.1 79.7 79.1 79.7 79.1 79.7 GE 100001 14.6 77.2 79.1 79.1 79.1 79.1 79.1 79.1 90001 79.7 79.7 79.7 79.7 82.2 82.2 82.9 82.2 82.2 82.2 82.9 82.2 82.9 82.2 82.2 82.9 82.2 82.9 82.2 82.9 82.2 82.9 GE 80001 14.7 78.3 80.2 82.2 82.2 81.0 83.3 G E 6000 14.8 79.2 83.3 83.3 83.3 83.3 83.3 83.3 83.3 50001 45001 14.8 14.8 80.6 81.5 82.7 83.6 84.6 85.5 84 · 6 85 · 5 84.6 84 • 6 85 • 5 84.6 85.5 84.6 85.5 84.6 85.5 84.6 85.5 84.6 85.5 84.6 85.5 84.6 84.6 85.5 84.6 85.5 86.D 88.8 88.0 90.8 89.0 90.4 GF. 40001 15.2 83.7 88.U 88.D 88.D 88.0 88.0 88.0 88.0 88.0 98.0 88.0 3500! 15.5 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 86.5 90.8 90.8 90.8 GF GE 2500| 15.8 2000| 15.8 98.5 98.5 99.6 98.5 98.5 99.6 98.5 99.6 93.7 96.2 98.4 98.4 98.5 98.5 98.5 98.7 99.7 99.6 94.3 98.9 99.4 99.4 99.6 99.6 1800| 15.8 94.3 96.9 99.4 99.4 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 98.9 99.7 GE 15001 15.8 74.4 99.0 99.6 99.6 99.7 99.7 99.7 99.8 12001 15.8 94.6 GE 99.2 99.8 99.9 99.9 99.9 100.0 1000| 15.8 900| 15.8 10001 99.9 99.9 99.9 99.9 97.2 99.9 99.9 99.9 99.9 99.9 94.6 99.2 99.9 99.8 99.9 99.9 99.9 99.9 100.0 97.2 99.9 SE 94.6 99.2 99.8 99.8 99.9 99.9 99.9 100.0 eun| 15.8 99.9 99.9 99.9 6 E 74.6 99.2 99.8 99.8 99.9 99.9 99.9 99.9 100.0 7001 15.8 94.6 97.2 99.2 99.8 99.8 99.9 97.9 99.9 99.9 99.9 100.0 6 F 6001 15.8 74.6 97. 99.2 99.4 99.6 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 500| 15.8 400| 15.8 300| 15.8 200| 15.8 74.6 94.6 99.2 99.8 99.8 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 97.2 99.9 99.9 100.0 97.7 99.9 99.9 100.0 97.2 99.8 99.8 99.9 99.9 90.9 GE 74.6 99.2 94 . R 99.9 99.9 99.9 99.9 99.9 99.9 100.0 94.6 100.0 99.8 99.8 1001 15.8 94.6 91.2 99.2 99.A 99.9 99.9 99.9 47.9 99.9 99.9 99.9 99.9 100.0 94.6 99.8 ni 15.8 97.7 99.2 99.A 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0

TOTAL NUMBER OF OBSERVATIONS:

891

And the second second

GLOBAL CLIMATOLOGY PRANCH USAFETAC

4

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 75-84

Con.

AIR WEATHER SERVICE/MAC

4

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

MONTH: AUG HOURS(LST): 1200-1400 VISIBILITY IN STATUTE MILES CEILING GE GE GE 4 3 2 1/2 IN | SE FLET | ID GE 5 GE GE GE GE 2 1 1/2 1 1/4 1 GE GE GE GE 5/16 GE 5/8 1/2 o NO CEIL | 13.7 53.7 56.9 58.5 58.7 59.2 59.4 59.4 59.4 59.4 59.4 59.4 59.4 59.4 50.4 59.4 GE 200001 16.0 GE 180001 16.0 63.4 63.4 69.4 69.4 69.8 70.2 70.2 70.2 70.2 70.2 19.2 70.2 70.2 70.2 70.2 70.2 70.2 70 · 2 70 · 2 70.2 70.2 67.3 70.1 70.2 70.2 18000 | 16.0 69.8 70.1 70.2 70.2 SE 160001 15:0 GE 140001 16:0 63.4 67.3 69.4 69.8 69.8 70.2 70.1 70.5 70.2 70.6 70.2 70.2 70.2 70.2 70.2 70.2 70.2 10.2 70.2 70.6 70.6 70.6 77.6 70.6 70.6 70.6 70.6 70.6 GE 120001 16.5 67.5 71.8 72.3 72.6 72.7 12.1 76.8 77.6 89.5 69.1 70.0 76.3 77.2 76.7 77.5 76.9 77.6 76.8 77.6 76.8 77.6 76.8 77.6 76.8 77.6 100001 76.8 77.6 76.8 77.6 76.8 77.6 76.8 77.6 9000 17.4 14.4 G E 76.8 8000| 19.1 7000| 19.1 17.2 17.7 79.6 80.5 80.5 80.5 90.5 80.5 80.5 80.5 Pu.5 80.5 GE 73.3 80.1 80.5 80.9 81.1 81.1 81.1 81.1 81.1 81.1 81.1 80.8 81.2 91.5 81.7 81.7 81.7 81.7 81.7 81.7 81.7 81.7 81.7 50001 19.3 79.0 82.4 82.7 85.5 6 E 74.6 P1.4 01.8 92.2 82.4 82.4 82.7 82.4 82.7 82.4 82.7 82.4 82.7 92.4 82.7 82.4 82.4 82.7 82.4 4500| 18.4 4600| 18.9 3500| 19.4 74.9 77.0 79.4 81.7 91.7 82.2 82.5 82.7 82.7 85.1 89.7 GE 84.7 85.5 85.5 95.5 85.5 90.1 84.2 88.5 95.5 A5.5 85.5 45.5 85.5 89.2 90.1 90.1 90.1 90.1 30001 20.6 86.9 92.0 94.5 95.4 95.9 96.3 96.3 96.3 96.3 96.3 96.3 95.9 96.5 97.0 GE GE 25001 20•6 20001 20•6 37.4 97.8 95.1 95.6 96.5 97.0 96.9 97.4 96.9 97.4 96.9 97.4 96.9 97.4 96.9 97.4 96.9 96.9 97.4 96.9 97.4 96.9 97.4 96.9 92.6 19001 20.6 96.1 97.0 98.0 98.8 98.0 98.8 98.0 98.8 98.0 υĒ 88.2 93.4 97.5 98.0 94.0 98.0 98.0 98.0 98.0 1500 98.8 98.8 94.8 98.8 98.8 96.8 99.1 99.1 6 F 12001 21.2 48.9 94.3 97.3 99.2 96.7 99.1 99.1 99.1 1000| 21.2 97.6 98.5 98.5 99.0 99.5 99.5 99.5 i E GE 99.5 99.5 99.5 99.5 99.5 99.5 94.6 89.2 99.5 99.5 6 E 8001 21.2 7001 21.2 89.2 94.6 97.6 98.6 98.9 99.1 99.6 99.6 99.9 99.6 97.6 99.6 99.6 99.6 99.5 89.2 99.9 99.9 99.9 100.0 100.0 100.0 \*001 21.2 99.0 90.1 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 A9.2 100.0 94.6 96.1 99.6 100.0 100.0 100-0 100.0 100.0 100.0 100.0 100.0 100.0 3001 21.2 99.4 94.6 78.1 99.0 77.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 89.2 94.6 95.1 99.0 99.6 140.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1001 21.2 97.0 79.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 01 21.2 98.1 99.6 89.2 99.0 100.0 100.0 100.0 100.0 107.0 100.0 100.0 100.0 100.0

GLOPAL CLIMATOLOGY RRANCH USAFETAC ATR w: ATHER SERVICE/MAC PERCENTAGE FREGUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

PERIOD OF RECORD: 75-84

Con-

STATION NUMBER: 722765 STATION NAME: MAXWELL AFR AL

MONTH: AUG HOURS(LST): 1500-1700 VISIBILITY IN STATUTE MILES IN I SE GE FEET I IN 6 5F GE GE GE GE GE GE GE 4 5 2 1/2 2 1 1/2 1 1/4 1 3/4 GE 5/8 ſιF 1/2 5/16 1/4 0 6 NO CETE | 13.5 55.2 55.2 55.2 5E . JODO | 15.8 6F 18000 | 16.9 53.2 69.6 70.0 70.6 71.0 71.0 71.0 71.0 71.0 71.4 71.0 71.0 71.0 71.0 71.0 70.9 6P.9 71.4 63.5 70.4 71.1 71.3 71.4 71.4. 71.4 71.4 71.4 71.4 71.4 71.4 SF 16FUNT 16.9 SF 14FDNT 17.1 71.4 71.4 63.5 68.9 71.3 71.4 71.4 71.4 71.4 71.4 70.4 71.1 71.4 71.4 72.4 64. 1 69.7 71.4 72.0 72.3 72.4 72.4 12.4 72.4 72.4 72.4 6F 12COCT 17.7 12.6 66.7 74.6 74.8 100001 19.6 90001 19.6 79.6 90.3 93.1 80.5 91.3 80.6 80.6 81.4 80.6 80.6 80.6 80.6 71.9 17.5 80.3 80.6 80.6 80.6 81.4 80.6 72.7 75.5 78.3 81.1 81.4 81.4 81.4 aron1 19.2 84.4 84.4 61.1 84.4 84.2 84.4 84.4 84.4 84.4 84.0 84.4 84.4 70001 19.2 15.6 60001 19.6 85.3 85.5 76.5 82.2 94.2 85.1 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 50001 19.6 45001 19.9 76.8 77.5 82.5 83.3 94.6 85.5 85.5 86.3 85.7 85.9 86.8 85.9 86.8 85.9 86.8 85.9 86.8 85.9 P5.9 A5.9 A5.9 A5.9 86.A 86.8 86.8 40001 20.2 35001 20.8 89.0 78.9 82.6 84.9 88.6 97.1 AR.3 92.5 88.6 92.8 89.0 93.2 89.0 89.0 93.2 89.0 93.2 1, 5 89.U 89.0 89.0 89.0 89.0 93.2 30601 21.1 94.0 96.9 96.9 96.9 25001 21.1 20001 21.3 85.6 86.2 92.3 93.0 94.7 96.9 97.7 97.6 98.6 97.8 98.8 97.8 98.8 98.0 98.9 97.2 97.6 97.8 97.8 97.8 97.8 98.0 of GF 98.1 98.8 98.8 98.8 98.6 98.8 98.9 r, F 18001 21.3 15001 21.3 96.2 93.2 95.9 78.1 98.4 98.9 98.9 99.1 99.1 99.1 99.1 99.1 99.1 99.2 99.2 93.5 A6.6 99.2 99.5 99.5 99.5 99.5 99.5 96.2 98.4 98.7 99.5 99.6 99.6 99.6 6.F 17001 21.1 99.8 10001 21.3 99.6 99.8 6 2601 21.3 86.9 86.9 93.0 96.6 98.7 99.0 99.6 99.6 99.8 99.8 99.8 99.8 99.8 99.9 99.9 8001 21.3 93.9 99.8 99.8 100.0 96.6 99.7 99.0 99.6 99.6 99.8 99.8 99.9 100.0 99.6 1,1 7001 21.3 46.5 93.9 96.6 98.7 99.0 99.6 99.8 99.8 99.R 99.8 99.8 99.9 100.0 100.0 51 96.6 99.0 99.6 99.6 99.8 100.0 100.0 (, F 50nl 21.3 91.9 99.6 99.6 99.6 99.8 99.A 99.8 99.9 99.9 99.9 86.9 96.6 98.7 99.0 97.6 99.8 99. B 100.0 100-0 SE 4001 21.3 3001 21.3 86.9 86.9 93.9 96.6 99.7 98.7 99.0 99.6 99.8 99.8 99.8 99.8 99.8 99.8 99.8 100.0 100.0 100.0 2001 21.3 99.9 99.8 99.0 99.6 99.6 99.8 100.0 99.6 GE 1001 21.3 96.9 91.9 96.6 39.7 99.0 99.6 99.A 99.H 90.A 99.8 99.8 99.9 100.0 100.0 99.6 95.6 38 01 21.3 86.9 93.9 99.7 99.0 99.6 99.R 99.8 99.8 99.8 99.8 99.9 100.0 100.0

GLUBAL CLIMATELGSY READEN. USAFFTAG AIR MEATHER SERVICE/MAC

PERCENTAGE FREWULNCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

and the same

STATION NUMBER: 172265 STATION NAME: MARKEL AFR AL PEPIOD OF RECORD: 75-84 HOURS(LST): 1800-2000 MONTH: AUG No VISTRILITY IN STATUTE MILES CETLING 5/8 1/2 5/16 1/4 0 50 CETE | 10.1 53.1 56.0 44.6 55.J 55.2 55.2 56.0 56.0 56.0 56.0 56.0 56.0 56.0 56.0 56.0 71.5 75.6 75.7 75.6 75.7 75.7 200001 13.7 74.7 75.6 75.7 75.6 75.7 SF 180001 11.7 75.7 72.6 72.6 of 160url 13.7 74 • 3 15 • 3 74.8 75.7 75.7 76.2 75.7 75.7 76.2 67.8 74.6 75.7 75.7 75.7 75.7 75.7 140001 11.9 120001 15.2 71.4 75.5 78.4 18.6 78.6 79.4 79.4 79.4 79.4 79.4 10000| 16.3 9000| 16.3 86.4 86.9 95.6 96.4 86.4 86.4 86.9 86.4 86.4 86.4 86.4 86.4 86.9 86.4 86.9 92.5 95.3 86.0 86.0 8FUC1 15.7 7CUC1 17.1 90.4 45.5 98.4 89.1 89.1 90.0 90.0 90.0 90.0 90.0 91.1 86.1 P9.U 89.4 89.8 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 92.0 a2.3 87.4 92.0 93.3 94.2 Scool 17.2 90.3 92.g 92.0 92.0 92.0 C.E 71.6 92.5 93.0 93.3 93.3 93.3 93.3 93.3 93.3 93.3 97.5 93.7 4000 | 17.5 89.6 94.0 94.2 94.2 94.2 94.2 3"001 17.7 85.6 91.2 94.4 96.3 96.4 96.4 96.4 96.4 98.5 98.5 98.6 98.6 98.6 98.6 98.6 25001 17.7 97.4 97.4 98.4 98.6 98.6 98.7 99.2 98.7 98.6 98.7 98.7 97.1 98.9 20001 17.7 F7.8 93.6 90.0 99.1 99.1 99.1 99.2 10001 17.7 97.1 96.U 96.3 P7.8 99.0 99.1 IJΕ 93.6 99.1 99.1 99.2 99.2 99.2 99.2 99.2 99.2 1º001 17.7 97.4 94.3 12001 17.7 88.1 93.4 97.5 99.4 98.4 99.6 49.6 99.6 99.7 99.7 99.7 99.7 99.7 10001 17.7 93.9 97.4 98.4 98.4 99.4 99.6 49.4 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 900 17.7 97.5 99.6 99.6 99.6 99.7 ( , F PUM 17.7 58.1 93.9 93.9 97.5 99.4 99.4 98.4 98.4 99.4 99.6 99.6 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.8 94.6 99.8 99.7 99.8 EUFI 17.7 FOR! 17.7 P8.1 94.1 97.7 98.6 98.5 99.8 99.8 99.9 100.0 100.0 100.0 100.0 96.6 99.6 97.9 79.8 99.A 99.8 99.9 100.0 100.0 160.0 100.0 TOP 17.7 P8 - 1 94.1 97.7 98.6 98.6 96.6 99.6 99.8 99.8 90.9 100.0 100.0 100.0 100.0 2001 17.7 99.6 99.8 99.8 48.1 94.6 99.9 99.9 100.0 100.0 100.0 100.0 1001 17.7 99.6 99.8 94.6 99.8 99.9 99.9 100.n 100.0 100.0 100.0 98.6 99.6 99.8 99.8 99.9 100.0 100.0 100.0 100.0

TOTAL WIMPER OF URSERVATIONS:

229

GLOHAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SFRVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIALLITY
FROM HOURLY OBSERVATIONS

Con

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PEP100 OF RECORD: 75-84 MONTH: AUS HOURS(LST): 2100-2300

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CEI	LING							VISI	BILITY	IN STAT	UTE MIL						
1	N [	GŁ	Gf	GE	GF	GE	CE	GŁ	GE	GE	GE	GE	GE	GE	GE	GΕ	GE
FE	.ET 1	1 n	6	٤,	4	5	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
				• • • • • • •													••••••
N C	CEIL	17.6	62.1	64	67.5	67.8	67.8	68.5	68.5	68.5	68.5	69.5	68.5	68.5	68 • 5	68.5	68.5
6.5	100000	14.1	75.2	78.6	92.2	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
6 F	180001	14.1	75.2	78.6	82.2	82.4	92.6	83.2	83.2	83.2	A3.2	83.2	83.2	83.2	83.2	83.2	83.2
GE	100001	14.1	75.2	78.6	92.2	82.6	92.6	83.2	83.2	83.2	83.2	81.2	83.2	83.2	83.2	83.2	83.2
	190001		75.7	79.0	A2.7	83.0	93.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
	120001																
O.E.	120001	14.6	76.3	79.7	P3.5	83.3	83.8	84.6	94.6	84.6	94.6	84.6	84.6	84.6	84.6	84.6	84.6
GE	100001	15.4	90.0	63.4	P7.2	87.5	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3	A8.3	68.3	88.3
GΕ	9000	15.4	AU . 3	B 3 . 7	R7.5	87.9	87.8	88.6	88.6	88.6	88.6	89.6	P8.6	88.6	88.6	88.6	88.6
G F	19096	15.7	83.0	86.7	90.6	91.2	91.2	92.0	92.0	92.0	92.0	97.0	92.0	92.0	92.0	92.0	92.0
ĿĒ.	tourl		13.4	87.0	90.9	91.5	91.5	92.3	92.3	92.3	92.3	97.3	92.3	92.3	92.3	92.3	92.3
6 <b>F</b>	6000		83.5	B7.2	91.0	91.7		92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
U F	etiat. I	10.0	M3.3	B / • ·	41.0	91.7	91.7	72.5	72.5	45.0	92.5	97.5	42.5	42.5	42.5	72.5	42.5
GE	srun		84.0	8A.U	91.8	92.5	92.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
ЬF	4500	16.0	84.6	88.6	92.5	93.1	93.1	93.9	93.9	93.9	93.9	97.9	93.9	93.9	93.9	93.9	93.9
G E	40001	16.0	95.8	89.9	93.0	94.6	94.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
6 E	35001	16.0	96.4	90.9	94.7	95.5	95.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE	3Pur I		87.4	91.8	95.7	96.8	97.1	97.9	91.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
O.C	31 01 1	10.0	71.0	71.0	43.7	79.6	71.1	71.7	71.7	71.7	77.47	,,,,	71.7	7147	71.7	77.7	71.7
6 F.	Scoul		87.5	92.2	96.0	97.1	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE	20001	16.0	88.3	93.1	97.U	98.1	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
b€	1600	16.0	88.3	93.1	97.0	94.1	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	. 99.2	99.2	99.2
GΕ	15001	16.0	28.5	93.3	97.1	98.2	98.6	99.4	99.4	99.4	99.4	97.4	99.4	99.4	99.4	99.4	99.4
6 E	12001	16.0	P8.5	93.3	97.1	98.2	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
O.C.	120	1010		7,102	.,.,	,0,2	70.0	,,,,	,,,,	77,7	.,,,		,,,,	****	.,.,	,,,,	,,,,,
ŭ.F	10001			91.4	97.5	99.6	98.9	99.7	99.7		99.7	99.7	97.7	99.7		99.7	99.7
			88.6							99.7					99.7		
6 F		16.0	P8.6	93.4	97.3	48.6	98.9	99.7	99.7	99.7	99.7	97.7	99.7	99.7	99.7	99.7	99.7
GF		16.0	A8.8	93.8	97.6	98,9	99.2	100.0	190.0	100.0	170.0	100.0	100.6	100.0	100.0	100.0	100.0
f, E	700(	16.0	PB.8	93.8	97.6	98.9	99.2	100.0	100.0	160.0	190.0	107.7	170.0	0.001	100.0	100.0	100.0
6 F	6001	16.0	P8.8	93.0	97.6	99.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		-											•				
5 F	5001	16.0	98.8	93.4	97.6	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GF		15.0	88.8	93.6	97.6		99.2				100.0	107.0	100.0	100.0	100.0		
						98.9		100.0	100.0	100.0				-		100.0	100.0
6 E		16.0	98.8	93.A	97.6	98.9	99.2	100.0	100.0	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0
G F.		16.0	88.8	93.4	97.6	98.9	99.2	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ΘE	1001	16.0	9.8	93.8	97.6	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
								•									
GE	0.1	16.0	33.8	93.A	27.6	99.4	74.2	100.0	100.0	140.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

GLOBAL CLIMATOLOGY PRANCH USAFETAC

PERCENTAGE FREWLENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 76.78-84

-1

130

AIR WEATHER SERVICE/MAC

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL MONTH: SEP HOURS (LST): 0300-0500 CEILING VISIBILITY IN STATUTE MILES IN | SE FEET | 16 GE GE 3 2 1/2 GE GE GE GE GE 2 1 1/2 1 1/4 1 3/4 6F GF GF 1/2 5/16 1/4 5/8 NO CEIL | 1.4 45.8 60.A 62.3 63.7 66 180001 66 180001 49.5 58.0 66.0 55.2 60.4 65.6 68.4 68.4 68.4 68.4 49.5 68.4 1.4 55 . 8 55.2 58 . C 60.4 64.6 65.6 66.D 67.5 67.5 67.9 68.4 68.4 68.4 ne reunul 35 . 8 49.5 55.2 58.0 60.4 64.6 66.0 66.5 67.9 67.9 68.4 68.9 68.9 68.9 GE 140001 1 - 4 35 . A 49.5 55.2 58.0 66.4 64.6 66.0 66.5 67.9 67.9 68.4 68.9 68.9 68.9 68.9 59.0 61.3 67.0 68.9 6R.9 6E 120001 50.0 65.6 67.5 36.3 56.1 38 . 7 19 . 2 69.8 70.3 73.1 71.2 71.7 73.6 74.1 77.4 74.1 74.5 GE longel 52.8 59.9 63.2 63.7 65.6 71.7 73.1 73.6 73.1 74.1 74.5 74.1 74 • 1 74 • 5 72.2 75.5 75.5 74.5 77.8 6 E 9 cup i 1.4 66.0 76.9 77.8 77.8 1.4 77.8 anuol 41.5 63.2 56.1 66.5 66.5 68.9 75.0 76.9 GF 70001 41.5 56.1 73.1 76.9 76.9 77.4 77.8 77.8 GΕ 60001 1.4 42.0 56.6 63.7 67.0 69.3 73.6 75.5 75.9 77.4 77.4 77.8 78.3 76.3 78.3 76.3 57.5 57.5 59.4 Secol. 42.5 42.5 64.6 67.9 69.4 70.3 70.8 74.5 75.0 76.4 76.9 77.4 78.3 78.8 7A.3 78.8 79.2 79.7 79.2 79.7 19.2 79.7 79.2 79.7 GF 45001 76.9 79.2 66.5 67.5 70.3 72.6 73.6 76.9 77.8 79.2 87.7 81.6 GF 40001 1.4 45.9 78.8 80.7 81.1 81.6 81.6 81.6 35.Un ( 44.5 82.5 60.4 80.2 71.2 81.6 G.F 30001 1.4 46.2 62.3 69.8 80.7 82.5 83.0 G E 2500 | 2000 | 63.2 75.0 75.5 77.4 77.8 81.6 82.1 84.0 84.4 85.4 85.8 85.4 85.8 85.8 86.3 86.3 86.8 1.4 46.2 46.2 70.6 83.5 86.3 86.3 86.8 71.2 84 . U 86.8 86.8 1.4 46.7 63.7 75.9 77.8 82.5 86.3 86.8 87.3 89.2 55 Leunf 71.7 78.3 80.2 84.4 84.9 86.3 87.3 R7.3 87.3 υE 15001 73.6 86.3 86.8 89.2 89.2 89.2 88.2 10001 90.5 89.2 90.6 91.0 92.0 2.4 67.5 75.5 75.9 80.2 83.0 91.0 91.5 92.0 92.0 92.0 GF 49.5 91.4 9001 81.6 94.4 RR . 7 91.0 91.4 92.9 ЬE agn ( 2.4 49.5 67.5 75.9 84.9 89.2 91.0 91.5 92.9 93.4 93.9 93.9 93.9 93.9 82.1 GE 70 P E 2.4 50.5 69.4 83.0 85.8 90.1 92.0 92.5 91.9 94.3 94.8 2.4 ŌΕ EUO ! 50.5 83.5 96.3 90.6 92.5 92.9 94.3 94.8 95.3 95.3 95.3 95.3 5001 96.7 98.1 98.1 97.6 99.1 99.1 GΕ 69.8 70.3 85.4 86.3 88.2 89.2 94.8 96.7 99.1 97.6 97.6 50.5 78.6 92.5 95.3 91.2 97.6 98.6 98.6 99.1 99.1 GE 4001 50.9 79.2 93.9 96.2 93.1 2.4 99.2 5F 3001 50.9 70.3 79.2 86.3 93.9 96.2 46.7 99.1 9. A. 2001 70.3 1001 2.4 50.9 70. 79.3 96.2 96.7 98.1 94.1 98.6 99.1 99.1 99.5 100-0 GF 01 2.4 50.9 79.3 79.2 86.3 89.2 93.9 96.2 96.7 98.1 98.1 99.6 99.1 99.1 99.5 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR HEATHER SERVICE/MAC

1

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

(C)

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL PEPIOD OF PECORD: 75-84 MONTH: SEP HOURS(LST): 0600-0800 VISIBILITY IN STATUTE MILES
GE GF GE GE
7 1 1/2 1 1/4 1 CEILING SE 3/4 IN | SE FEET | 18 GE 3E 6 5 GE GE 3 2 1/2 5/16 4 5/8 1/2 1/4 0 ........... NO CETE ! 41.9 52.9 35.2 46.2 49.6 51.1 54.1 54.9 54.9 55.1 55.1 55.1 55.4 57.7 GE 200001 94.2 48.9 49.U 52.8 52.9 56.4 56.6 58.0 58.4 58.4 59.1 59.2 31.2 54.4 58.4 58.7 58.7 58.7 37.3 54.6 57.8 58.6 58.6 58.7 et lanon! 3.4 44.3 58.1 58.8 160001 44.4 49.1 56.7 57.3 58.7 58.9 58.9 59.3 G.E 3.4 53.0 58.2 58.9 14000 59.3 60.0 GE 120001 39.1 46.4 51.6 60.7 61.0 61.6 61.6 61.8 G E G E 100001 90001 40.9 41.3 49.1 49.7 54.9 55.4 59.1 59.9 60.9 63.1 64.6 65.0 65.6 66.7 65.6 65.7 66.0 67.1 66.0 67.1 66.0 67.1 66.4 66.1 3.7 58.9 59.1 67.9 69.4 70.0 70.7 71.1 71.2 71.7 G E 80001 43.0 52.9 63.3 65.6 70.7 70.8 71.2 71.2 71.7 70001 71.1 43.6 52.9 63.8 66.0 71.2 71.7 71.7 72.1 GF enuc| 60.3 G F 5000 [ 4500 ] 3.7 44.6 54.9 55.6 61.3 70.8 71.7 72.4 73.3 73.0 73.9 73.7 74.6 73.8 74.7 74.2 75.1 74.2 75.1 74.7 75.6 68.4 75.1 66.2 74.6 40001 45.9 72.8 56.4 63.0 70.4 75.0 76.2 76.7 (, E 35011 3.7 46.4 57.0 63.6 69.2 71.4 73.9 75.6 76.1 76.8 76.8 76.9 77.3 77.3 77.3 77.8 souni 47.2 72.4 78.9 25001 G F G F 71.8 73.1 74.U 75.3 76.6 77.9 78.2 79.6 18.8 79.4 79.6 80.9 80.0 80.1 80.1 80.6 48.3 59.2 20001 1.0 67.6 80.9 81.3 81.9 81.4 82.0 81.4 49.6 60.6 80.1 80.8 81.9 10001 80.1 80.7 R1.3 ſ, F 4.0 50.0 75.9 81.3 73.7 78.4 A1.4 82.4 61.1 15001 4.0 69.4 82.1 6F 12001 4.1 52.0 63.3 70.4 76.0 78.2 81.0 82.7 83.2 93.9 84.4 84.6 84.6 85.0 72 • 1 74 • 3 80.1 82.4 82.9 84.9 87.3 85.4 88.0 86.1 88.7 86.1 88.7 96.2 88.8 86.7 89.2 86.8 89.3 86.8 89.3 icocl 4 . 1 53.0 64.9 11.9 87.7 ĞF 9001 54.6 66.8 90.2 GF GE 4.1 4.1 54.8 55.9 67.1 68.6 75.3 76.9 80.9 82.8 83.1 85.3 86.0 88.2 88.1 90.3 84.8 91.0 89.4 91.7 89.6 91.8 89.7 91.9 90.1 90.2 90 • 2 92 • 4 eant 90.7 700 i 92.9 91.9 GE fun! 4.1 56.6 69.7 77.8 84.D 89.7 92.6 93.2 93.3 93.9 94.0 6 F 5 F 70.0 70.0 95.2 95.3 96.9 97.7 97.8 11.01 4.1 4.1 56.9 56.9 78.8 78.9 85.4 36.J 88.1 88.7 91.2 95.7 94.6 95.4 05.9 96.0 97.7 96.0 97.7 96.4 98.3 4001 71 5 97.3 98.6 1001 56.9 78.9 96.1 95.7 96.6 97.A 98.7 2601 95.7 96.6 97.9 99.1 G.F 4 . 1 56.9 70.0 78.9 86.1 9 . . 8 92.3 98.9 99.9 70.6 01 4 . 1 56.9 86.1 98.7 99.1 υE 70.0 92.3 95.7 97.3 97.9 98.9 100.0 8 . 8 46.6

1

GLOPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOUPLY OBSERVATIONS

Con.

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PEPIOD OF RECORD: 75-84 MONTH: SEP HOURS(LST): 0900-1100

CET	L I No	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••		BILITY	IN STAT	UTE MILI	• • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •
1		T.E.	Gŧ	GE	GF	GE	GE	GE	GF	GE	GÉ	GE	GE	GE	GE	GE	GE
FE	ET İ	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	O
• • •	• • • • • •	• • • • •		• • • • • •	• • • • • •		• • • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • • • • • • •
N 0	CEIL 1	7.2	50.6	54.0	55.9	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
	   18000	7.9 7.9	54.8 55.0	58.4 59.8	60.6	61.3	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6 61.9	61.6 61.9	61.6
	100001	7.9	55.2	59.0	61.2	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
G.E.	140001	A.U	55.3	59.1	51.3	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
6 E	120001	9.1	51.2	61.3	63.6	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
	100001	8.8	61.2	66.0	68.4	69.6	69.8	69.9	69.9	69.9	59.9	69.9	69.9	69.9	69.9	69.9	69.9
61.	90001	9.9	61.7	66.6	69.0	70.2	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE	10008	7.7	64.2	69.6	72.1	73.3	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
G E G E	70001 60001	9.2	64 • 4 65 • U	69.9 70.7	72.4 73.2	73.7 74.4	73.9 74.7	74.0 74.8	74.0 74.8	74.0 74.8	74.0 74.8	74.0 74.8	74.0 74.8	74.0 74.8	74.0 74.8	74.0 74.8	74.0 74.8
O C	011017		# 3 · U	111.1	13.5	74.4	74.7	14.7	74.0	14.0	74.0	,4.0	7720	14.0	74.0	14.0	74.0
G E	5non L	9.3	65.7	71.3	73.9	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
ŭ₽.	45001	2.6	66.1	72.1	74.8	76.0	76.2	75.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
G E	40001	9.8	67.2	73.4	76.2	77.4	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE	35un]		68.4	74.7	77.6	78.8	79.0	79.1	79 - 1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE	1000	10.9	70.4	76.7	79.6	80.8	81.0	81.1	81.1	81.1	81.1	81.1	91.1	81.1	81.1	81.1	81.1
GE	25001	10.9	73.0	79.7	82.7	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
úξ	20031		75.0	81.8	84.9	86.1	96.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE	1906		75.2	82.U	85.2	86.4	86.7	86.8	86.8	86.8	A6.8	86.8	86.8	86.8	86.8	86.8	86.8
GΕ	1500	11.3	78.6	86.0	89.2	90.6	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GÉ	12001	11.4	60.4	88.3	32.0	93.6	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
G.F	10001	11 4	81.6	89.8	93.4	95.2	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GΕ	9001		PZ • U	90.7	94.3	96.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
G.F.		11.4	82.0	90.8	94.6	96.6	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE	7001	11.7	A2.2	91.0	94.8	76.A	97.1	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
6F	6001	11.8	82.6	91.4	95.3	97.4	97.8	98.7	98.9	98.9	98.9	94.9	98.9	99.0	99.0	99.0	99.0
6 <b>E</b>	sun I	11.4	#Z+8	91.6	95.7	97.9	98.2	99.1	99.3	99.4	99.6	97.6	99.6	99.7	99.7	99.7	99.7
5 E	400		A2.8	91.8	95.8	98.1	96.4	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE		11.9	82.8	91.8	95.8	98.1	98.4	99.4	99.7	99.8	99.9	99.0	99.9	100.0	100.0	100.0	100.0
ĢĒ.		11.9	92.8	91.6	95.8	98.1	98.4	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE		11.8	92.8	91.8	95.8	98.1	98.4	99.4	99.7	99.8	99.9	99.9	09.9	100.0	100.0	100.0	100.0
GE	0.1	11.8	42.8	71.F	95 · B	98.1	98.4	99.4	99.7	99.8	99.9	97.9	99.9	100.0	100.0	100.0	100.0
• • •	• • • • • •	• • • • •	• • • • • • • •	• • • • • • •		• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •

TOTAL NUMBER OF URSERVATIONS: 900

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GLOPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMPER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 1200-1400

												MONTH	: SEP	HOURS	(LSTI:	1200-14	00	
( 1	LIFG		• • • • • • •		• • • • • • •	• • • • • •	•••••	V 1 5 I	RILITY	IN STAT	JIE MIL	£5	• • • • • •	• • • • • • •	•••••	•••••	• • • • • • • •	••
1		0.F	GE	GŁ	હિંદ	GE	GF.	G.E	GF	G £	GE	Ģ€.	GE	GE	GE	GE	GE	
Fŧ	Ε <b>Τ</b> Ι	1.0	6	5	4				1 1/2	1 1/4	1	1/4	5/8	1/2	5/16	1/4	0	
•••			• • • • • • •	• • • • • • • •	•••••	• • • • • •	•••••		•••••					• • • • • •	•••••	•••••	• • • • • • • • •	•••
4.0	CEIL I	4.9	50.2	52.4	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	
6.6	260001	11.0	57.8	60.0	60.7	60.7	66.7	60.7	60.7	ьп.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	
	180001		57.8	60.1	60.8	60 · H	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	
	160001		57.9	60.2	64.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	
	140001		58.9	61.6	62.2	62.2	62.2	62.2	62.2	62.2	62.2	67.2	62.2	62.2	62.2	62.2	62.2	
υĒ	120001	12.3	60.9	63.6	64.2	64.2	64.2	64.2	64.2	64.2	54.2	64.2	64.2	64.2	64.2	64.2	64.2	
										- •-						•		
6 F	10conl	13.2	64.7	67.3	68.0	68.0	68.0	68.0	68.0	69.0	68.U	64.0	69.∏	69.0	68.0	68.0	68.0	
GF	90001	13.3	65.1	67.B	68.4	68.4	65.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	
SE	80001	11.9	69.1	12.3	73.1	73.1	73-1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	
G.€	7000	14.0	69.8	73.0	73.8	73.A	73.8	73.A	73.A	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
υE	evaul	14.5	70.3	73.6	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	
GE	Soun I	1	10.4		74	7	7	70.	7	*** *	20. 4	75. /	7	3	<b>3</b> /		• • •	
GF	4500		70.6 71.0	73.8 74.2	74.6 75.0	74.6 75.0	74.6 75.0	74.6 75.0	74.6 75.0	74.6 75.0	74.6 75.0	74.6 75.0	74.6 75.0	74.6 75.0	74.6 75.0	74.6 75.0	74.6 75.0	
GE	40001		74.1	77.6	78.3	78.4	78.4	79.4	78.4	78.4	78.4	78.4	75.4	78.4	78.4	78.4	78.4	
0.0	3500		78.8	82.3	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	P 3 . 4	83.4	83.4	83.4	83.4	
GE	30001		95.4	89.0	99.9	90.1	90.1	90.1	90.1	90.1	90 • 1	90.1	90.1	90.1	90.1	90.1	90.1	
***	J. 01.	• • • •		9710		70.1	,4.1	,0.1	,,,,	7.7.	,0 • I	,,,,	75.1	,011	,,,,	70 • 1	,	
G.F	asunt	17.6	87.2	90.9	92.0	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	
GF	20001	17.7	98.7	92.6	93.7	94.1	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	
ЭE	1800	17.7	98.9	92.9	94.0	94.6	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	
GE	1500	17.7	89.6	93.9	95.0	95.6	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	
'nΕ	12001	17.7	96.0	94.1	95.3	96.0	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	
GE	10001	17 A	20.7	94.9	96.2	96.9	97.0	97.1	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	
GF		19.0	91.1	95.3	36.7	97.5	97.4	97.A	97.9	98.0	98.1	94.2	99.2	99.2	98.2	98.2	98.2	
5.5		10.1	21.4	95.7	97.1	98.2	98.3	98.7	98.6	98.9	99.0	99.1	79.1	99.1	99.1	99.1	99.1	
6.6		19.1	91.4	95.7	97.2	98.3	98.4	99.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	
73.5		19.1	91.4	95.7	97.2	98.4	98.6	98.9	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	
								_	-				=		•			
GE	5ur l	19.1	91.6	95.9	97.4	3.80	94.D	99.1	79.1	99.8	99.9	100.0	106.0	100.0	100.0	100.0	100.0	
6 E		19.1	91.6	95.9	97.4	98.8	99.0	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
G E		18.1	71.6	95.9	97.4	98.3	99.0	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
6E		19.1	91.6	95.9	97.4	98.8	99.0	99.3	99.7	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
( r	100	10.1	91.6	95.9	97.4	98.8	99.0	99.3	99.7	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
6F	C.I	19.1	91.6	95.9	97.4	98.8	99.0	99.3	99.1	99.A	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
• • •				7 1 6 7	****	70.5	77.0	7763	7717	,,,,			******		******	******		

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

C.

AIR WEATHER SERVICE/MAC

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LS HOURS(LST): 1500-1700 VISIBILITY IN STATUTE MILES CETLING IN | 3E FEET | 10 GE 5 GE GF GE 2 1 1/2 1 1/4 GĘ 3 2 1/2 5/16 6 4 1/4 1 3/4 5/8 1/2 n NO CETE 1 11.0 54.8 54.8 54.8 54.8 54.8 54.8 68 200001 14.7 66.2 66.2 66.2 66.2 66.2 66.2 66.2 66.2 66.2 66.2 66.2 6" 180001 14.8 6E 160001 14.8 63.8 66.0 66.0 66.6 66.6 66.6 66.6 66.6 66.6 66.6 66.6 66.6 66.6 66.6 66.6 63.8 66.0 66.6 66.6 66.6 66.6 66.6 66.6 66.6 67.9 66.6 66.6 66.6 66.6 66.6 66.6 140001 14.9 120001 15.4 68.2 70.9 71.4 71.4 71.4 71.4 71.4 71.4 71.4 71.4 71.4 71.4 71.4 74.6 75.0 75.3 75.8 75.3 75.3 75.8 75.3 75.8 75.3 75.8 75.3 75.8 75.3 75.8 75.3 75.8 75.3 75.8 75.3 75.8 75.3 75.8 75.3 75.8 G€ 100001 16.4 71.9 75.3 90001 16.4 81.3 81.7 82.1 82.4 82.1 82.4 GE 8000 16.9 78.2 82.1 82.1 82.1 62.1 82.1 82.1 82.1 82.1 82.1 82.1 82.1 7000] 16.9 92.4 82.4 82.4 82.4 82.4 82.4 82.4 82.4 82.4 82.4 60001 17.0 79.0 82.1 82.9 82.9 82.9 82.9 82.9 50001 17.3 45001 17.4 80.0 AJ.7 84.U 84.7 84.0 84.7 84.0 84.7 84.0 84.7 84.0 84.7 84.0 84.0 84.7 84.0 84.7 84.0 84.7 84.0 84.7 83.9 84.7 84.7 84.7 GE 40001 1A.1 83.1 86.3 87.1 87.2 87.2 87.2 87.2 87.2 87.2 87.2 87.2 87.2 87.2 GF 35001 18.6 85.0 88.4 A9.3 89.4 85.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6 A . . A 89.6 25001 19.7 93.4 94.6 94.9 95.0 95.0 95.0 95.0 95.1 95.0 95.0 95.1 95.1 95.1 95.1 95.2 95.6 95.8 95.7 95.7 95.7 6E 20001 19.7 90.1 94.0 95.4 95.7 95.7 95.7 95.8 95.8 95.8 95.8 95.7 19001 19.7 90.2 94.1 95.9 95.9 95.9 96.0 96.0 96.0 96.0 G.F. 15001 19.9 91.4 94.9 76.0 96.8 12001 20.1 97.2 71.6 95.4 96.6 97.3 97.4 97.4 97.4 97.4 97.4 97.4 97.6 97.6 97.6 10001 20.2 92.2 91.2 91.7 97.9 98.3 98.2 98.8 98.2 98.8 98.3 98.9 98.3 98.9 98.3 98.9 98.3 98.4 99.0 98.4 99.0 98.4 99.0 98.4 GE 76.1 98.0 9001 20.3 92.7 98.4 99.2 9001 20.3 7001 29.3 92.8 97.8 99.6 98.7 98.7 98.8 99.0 99.1 99.1 99.2 99.2 96.7 99.0 99.1 99.1 99.2 99.1 99.3 99.3 99.3 99.6 G E 6unl 20.3 93.0 97.0 98.1 98.9 99.0 99.3 99.6 99.6 99.7 99.7 5001 20.3 4001 20.3 93.0 98.3 99.1 99.2 99.2 99.6 99.6 99.6 99.8 99.8 99.A 97.8 99.9 99.9 99.9 97.7 79.8 99.8 77.8 97.2 99.8 100.0 tuni 20.3 95.0 97. 98.5 99.1 99.2 99.6 99.6 99.8 99.8 99.A 99.8 99.9 99.9 100.0 100.0 2001 20.3 93.0 91.2 98.3 99.1 99.2 99. R 09.6 99.6 99.8 99.8 99.8 99.9 99.9 100.0 100.0 10ml 2n.3 99.6 99.6 100.0 100.0 93.0 01 20.3 98.5 99.1 99.6 99.6 49.8 99.8 99.8 99.8 99.9 99.9 100.0 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR W'ATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

( Jan ...

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PEPIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 1800-2000

	LING	• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	1217	BILITY	IN STAT	UTE MIL	 ES	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	••••••
ı		66	GE	GE.	GE	GE	GE.	GE	GF	GE	GE	GE	GE	GE	GE	GE	GΕ
FĹ			. 6	5.	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	0
NO	CETL 1	8.6	54.8	58.6	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE	zacon)	10.6	64.5	68.6	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
	100001		64.5	68.6	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE	160001	17.6	64.5	68.6	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
6.	140001	10.6	65.1	69.2	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
D.F	12nun1	11.1	€8.5	72.7	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
6, 5	ignori	12.0	73.5	78.3	79.2	79.5	79.5	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GF	90001	12.0	74.2	79.1	80.0	80.3	90.3	80.4	80.4	60.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
(LE	80001	12.6	78.5	93.4	84.5	84.9	84.9	85.0	85.U	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
G.F.	70001	12.8	79.1	84.0	85.1	85.4	85.4	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7
6 F	scuel	13.0	79.9	84.8	85.9	86.2	86.2	86.3	86.3	86.3	R6.4	86.4	86.4	86.4	86.4	86.4	86.4
6F	Seant	13.5	91.1	86.0	87.1	87.4	87.4	87.5	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
SE	45001	13.7	92.2	87.1	88.2	86.5	88.5	88.7	88.7	88.7	88.8	89.8	88.8	86.8	88.8	88.8	88.8
6 و ا	40601	11.0	R3.4	88.3	99.4	89.8	89.8	89.9	89.9	84.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
(, F	35un	14.1	94.5	89.5	91.1	91.4	91.4	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
6 F	30001	14.7	96.2	91.3	92.9	93.3	93.3	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
I, F	21001		87.1	92.2	93.8	94.2	94.2	94.5	94.5	94.5	94.7	94.7	94.7	94 - 7	94.7	94.7	94.7
¹+E.	_ nun [	14.2	97.9	93.2	94.8	95.2	95.2	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
r, f	18001	14.7	98.1	93.4	95.0	95.8	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE	i'uni	14.7	98.4	93.B	95.3	96.1	96.I	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
i, F	12001	14.7	8.88	94.1	95.8	96.6	96.6	97.0	97.1	97.1	97.2	97.2	91.2	97.2	97.2	97.2	97.2
ن د	10001		A9.2	94.7	96.7	97.4	97.4	97.9	98.0	98.0	98.1	99.1	98.1	98 • 1	98.1	98.1	98.1
(, ₣		14.2	99.2	94.A	96.9	97.7	91.7	98.2	98.3	98.3	98.4	99.4	98.4	08.4	98.4	98.4	98.4
C, E	PUN	14.2	89.2	94.9	97.0	97.8	97.8	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
(, E		14.7	94.3	95.0	97.1	98.0	98.0	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GF	enul	14.2	44.5	95.2	97.6	98.4	98.4	99.1	99.6	49.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
G.F		14.2	89.5	95.2	97.6	98.6	98.6	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		14.7	87.5	95.2	97.6	94.6	98.6	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6 E		14.7	99.5	95.2	97.6	99.6	96.6	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6 F		14.2	84.5	95.2	97.6	98.6	98.6	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G E	1001	14.2	89.5	95.2	97.6	98.6	98.6	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	۰.,		•• •	05.3			00.1	00 "	99.9	99.9	100 0	100.0	100.0	100.0		100.0	100.0
65	10	14.2	A9.5	95.2	97.6	98.6	98.6	99.4	99.9				100.0			100.0	

GLOBAL CLIMATGLOGY RRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOU OF RECORD: 75-84
MONTH: SEP HOURS(LST): 2100-2300

													. 36			2100-23	00
		• • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		******			• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • •
	LING									IN STAT							
1		ĢΕ	GF	GE	٥f	GΕ	GE	GE	GΕ	e £	3.0	СE	GF	6E	GE	GE	GE
FE	ET 1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
														• • • • • • •			
• NO	CETL 1	A. 3	62.1	66.0	66.U	66.6	66.6	66.6	66.6	66.6	56.6	66.R	66.8	66.8	66.8	66.8	66.8
65	100001	8.9	76.2	74.4	74.7	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5
	iaruni	9.9	70.2	74.4	74.7	75.4	75.4	75.4	15.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5
	160001	9.9	70.2	74.4	74.7	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5
	140001	0,0	70.6	15.0	75.4	76.0	76 · D	76.0	76.0	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2
	120001	9.4	73.7	78.3	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5
11 (	121001	7.4	13.7	10.3	18.1	14.3	79.3	14.5	17.3	74.3	74.3	14.5	79.5	17.5	79.5	79.5	14.5
			•••														
	Toruct		11.9	82.8	83.1	84.3	94.3	84.3	84.3	84.3	R4.3	84.5	94.5	84.5	84.5	84.5	84.5
65	anun (	-	79.0	84.0	94.3	85.5	45.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6
Ŀ£.	9000		82.0	86.9	87.6	88.8	88.8	88.8	88.8	₹8.B	8.88	88.9	86.9	88.9	88.9	88.9	88.9
GF	10001		82.U	86.9	87.6	88.8	88.8	88.P	88.8	88.8	88.8	89.9	88.9	88.9	88.9	88.9	88.9
GF	66001	10.4	A2.3	87.3	A7.9	89.1	89.1	89.1	89.1	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3
6 F	50001	11.1	83.6	88.6	89.4	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7
UF	45001	11.1	84.5	89.4	90.2	91.4	71.4	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6
3.0	40001	11.4	45.5	90.4	91.2	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6
6F	3* un 1	11.4	A6.6	91.7	92.7	94.0	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4
6 F	30001	11.4	86.6	91.7	92.7	94.0	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4
		• • • •				, , , ,		,			•	, , , ,			,		, , ,
6.8	25001	11.4	87.1	92.2	93.2	94.5	94.7	94.7	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9
GF	20001		87.8	93.1	94.2	95.5	95.7	95.7	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9
GE	IPUPI		A 7 . B	23.1	94.2	95.5	95.7	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
f, F	15001		87.8	93.2	94.4	96.0	96.2	96.2	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7
GF	15001		88.1	93.6	94.7	96.4	96.5	96.5	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
G,	15001	11.4	20.1	71.0	74.7	70.4	96.5	70.7	40.4	40.4	40.4	91.0	41.0	91.0	97.0	97.0	97.0
GF		11.4	88.9	94.5	95.9	97.5	97.7	97.7	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2
GF		11.4	88.9	94.7	96.0	98.0	98.2	98.2	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7
GF		11.4	39.4	95.2	96.5	99.7	98.8	99.0	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5
6 F.		11.4	49.4	95.2	96.5	98.7	98.8	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
G.€	600	11.4	89.4	95.2	96.5	98.7	98.8	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE	5001	11.4	49.4	95.2	96.5	98.7	98.6	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE	4001	11.4	80.4	95.7	96.5	98.7	98.8	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE	3001	11.4	89.4	95.2	96.5	98.7	96.8	99.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
6 E	2001	11.4	A9.4	95.2	96.5	98.7	98.8	99.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE		11.4	49.4	95.2	96.5	98.7	98.8	99.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
-					3 • •			. , • •									
GE	0.1	11.4	49.4	95.2	96.5	98.7	96.8	99.2	99.5	99.8	99.8	ton.n	100.0	100.0	100.D	100.0	100-0
• • • •																	

GLOBAL CLIMATCLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

COX\_

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL .

PERIOD OF RECORD: 76-84
MONTH: OCT HOURS(LST): 0300-0500

												MONTH			([2]):		
CEILIN			•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •			IN STAT			• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••
IN	- 1	SE	GE	GE	G E	GE	GE	GE	GE	GŁ	GE	GE	GF	GΕ	GE	GE	GΕ
FEET	- 1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
• • • • •			• • • • • •														
		_															
NO CEI	L	13.4	51.0	58.2	61.3	61.3	62.4	63.4	63.4	63.4	63.4	6 7 . 4	63.4	63.9	63.9	63.9	64.4
GE 200		110	54.1	61.3												(7.0	43.5
5F 180			54.1	61.3	64.4 64.4	64.4 64.4	65.5 65.5	66.5	66.5	66.5 66.5	66.5 46.5	66.5 66.5	66.5 66.5	67.0 67.0	67.0 67.0	67.0 67.0	67.5 67.5
GE 160	•	-	54.1	61.3	64.4	64.4	65.5	66.5	66.5	66.5	66.5	66.5	56.5	67.0	67.0	67.0	67.5
GE 140			54 - 1	61.3	64.4	64.4	65.5	66.5	66.5	66.5	66.5	66.5	66.5	67.0	67.0	67.0	67.5
GE 120			54.6	61.9	65.5	55.5	66.5	67.5	67.5	67.5	67.5	67.5	67.5	68.0	68.0	68.0	68.6
		-		- • •		- "		•				•.•.	0.00		00.0	0000	00.0
6E 100	aet	13.9	54.6	62.9	67.U	67.0	68.0	69.1	69.1	69.1	69.1	69.1	69.1	69.6	69.6	69.6	70.1
GE 90	เขตไ	14.9	55.7	63.9	68.0	68.0	69.1	70.1	70.1	70.1	70.1	70.1	70.1	70.6	70.6	70.6	71.1
		13.9	57.2	67.U	71.1	71.1	72.2	73.2	73.2	73.2	73.2	73.2	73.2	73.7	73.7	73.7	74.2
		13.9	57.2	67.0	71.6	71.6	72.7	73.7	73.7	73.7	73.7	73.7	73.7	74.2	74.2	74.2	74.7
GE 60	001	13.9	57.7	67.5	72.2	72.2	73.2	74.2	74.2	74.2	74.2	74.2	74.2	74.7	74.7	74.7	75.3
		13.9	59.3 59.8	69.6 70.1	74.2	74.2	75.3	76.3	76.3	76.3	76.3	76.3	76.3	76.8	76.8	76.8	77.3
		13.9	60.3	70.6	75.3 75.8	75.3 75.8	76.3 76.8	77.3 77.8	77.3 77.8	77.3 77.8	77.3	77.3	77.3	77.8	77.8	77.8	78.4
		13.9	60.3	70.6	75.8	75.8	76.8	77.8	77.8	77.8	77.8 77.8	77.8 77.8	77.8 77.8	78.4 78.4	78.4 78.4	78.4 78.4	78.9 78.9
		13.9	60.8	71.6	76.8	76.8	77.8	78.9	78.9	78.9	78.9	78.9	78.9	79.4	79.4	79.4	79.9
	· · · · ·		00.0					, , ,	,,,	1047	7017	10.7	10.7	17.4	1767	77.7	.,,,
GE 25	ont	14.4	62.9	74.7	79.9	79.9	90.9	82.0	82.0	82.0	82.0	82.0	82.D	82.5	82.5	82.5	83.D
GE 20	ion i	14.9	64.4	76.8	82.5	82.5	84.0	85.1	85.1	85.1	85.1	85.1	85.1	85.6	85.6	85.6	86.1
GF 18	100	19.9	64.4	76.8	R2.5	82.5	84.0	85.1	85.1	85.1	A5.1	85.1	85.1	85.6	85.6	85.6	86 - 1
		14.9	66.D	78.9	84.5	84.5	86.1	87.1	87.1	87.1	87.1	87.1	87.1	87.6	87.6	87.6	88.1
GE 12	001	14.9	67.0	80.4	86.1	86.6	88.1	89.2	89.2	89.2	89.2	89.2	89.Z	89.7	89.7	89.7	90.2
		14.9	67.5	90.9	A6 . b	87.6	89.2	90.2	90.2	90.2	90.2	90.2	90.2	90.7	90.7	90.7	91.2
		14.9	68.0	82.0	A7.6	88.7	90.2	91.2	91.2	91.2	91.2	91.2	91.2	91.8	91.8	91.8	92.3
		14.9	68.0	82.5 82.5	88.1	89.2	90.7	91.8	91.8	91.8	91.8	91.8	91.8	92.3	92.3	92.3	92.8
		14.9	68.U 58.6	83.5	88.1 89.2	89.7 91.2	91.2 92.8	92.3	92.3 94.8	92.3 94.8	92.3 94.8	92.3 94.8	92.3 94.8	92.8 95.4	92.8 95.4	92.8	93.3
OL C	.0.1	14.4	90.0	93.0	07.2	91.2	74.0	74.8	74.8	94.8	74.8	94.8	94.8	75.4	95.4	95.4	95.9
GE 5	ne i	14.9	68.6	83.5	89.2	91.2	92.8	94.8	94.8	94.8	94.8	94.8	94.8	95.4	95.4	95.4	95.9
		14.9	68.6	83.5	89.2	91.H	93.3	95.4	95.9	95.9	95.9	95.9	95.9	96.4	96.4	96.4	96.9
		14.9	68.6	83.5	89.2	92.3	93.8	95.9	96.4	96.4	96.4	96.4	96.4	96.9	96.9	96.9	97.4
SE 2	uni	14.9	68.6	83.5	89.2	97.3	93.8	95.9	96.9	96.9	96.9	97.9	97.9	98.5	98.5	98.5	99.0
G F 1	001	14.9	68.6	83.5	89.2	92.3	93.8	95.9	96.9	96.9	96.9	97.9	77.9	99.5	98.5	99.0	99.5
G.E.	n I	14.0	68.6	83.5	A9.2	92.3	93.6	95.9	96.9	96.9	96.9	97.9	97.9	98.5	98.5	99.0	100.0

GLORAL CLIMATOLOGY PRANCH

PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL PERIOD OF RECORD: 75-84 MONTH: OCT HOURS(LST): 0600-0800 NG VISIBILITY IN STATUTE HILES CEILING IN | 66 FEET | 10 GE 6 6 GE. 5 (s F 4 GE GE 3 2 1/2 6E GF GE 2 1 1/4 GF GE GE 1 3/4 5/8 1/2 5/16 ٥ NO CEIL | 10.2 43.7 49.5 53.2 56.2 57.3 59.0 60.1 63.3 60.8 61.1 61.1 61.7 61.7 61.7 61.8 68 200001 10.3 68 180001 10.3 46.6 46.6 52.8 52.8 56.9 56.9 59.3 61.0 62.9 63.0 63.9 64.1 64.2 64.3 64.6 64.7 64.9 65.0 64.9 65.0 65.6 65.7 65.6 65.7 65.6 65.7 65.7 65.8 61.1 GF 16000| 10.3 GF 14000| 10.3 56.9 56.9 64.1 64.3 65.0 65.0 65.0 65.0 65.7 65.7 65.7 65.7 16.6 52.8 60.0 61.1 63.0 64.7 65.8 46.6 60.0 63.0 65.8 61.1 64.7 120001 10.5 47.2 57.4 60.6 61.7 63.5 64.6 65.6 100001 10.5 48.5 54.7 55.3 58.8 59.5 62.1 62.7 63.2 65.7 67.1 66.8 66.3 66.8 67.1 67.8 67.8 65 68.4 68.5 aruni 10.6 7runi 10.6 61.8 65.1 66.3 68.2 69.7 70.2 70.5 71.1 71.1 71.1 71.2 51.1 57.6 61.9 66.4 68.3 69.6 69.8 70.3 70.6 70.6 71.2 71.2 71.2 60601 10.6 51.9 62.7 66.3 70.8 71.0 71.8 72.5 71.5 71.8 72.4 50001 10.A 60.0 69.3 73.7 74.4 74.9 74.4 74.9 75.6 72.8 74.4 74.9 4500 In.P 60.3 64.7 69.8 70.5 71.9 72.5 74.3 74.9 75.5 75.1 75.7 G.F 53.5 68.6 73.3 73.5 74.0 74.6 75.2 74.U 74.5 4000| 10.8 75.6 54.0 69.2 74.2 74.9 75.6 6 F 350cl 10.8 54 - 4 61.3 65.7 69.6 70.9 30001 10.9 75.5 G.F 55.2 62.2 66.6 70.5 71.8 74.0 75.7 76.1 76.5 76.5 77.2 77.2 77.3 56.5 58.4 59.2 75.8 78.4 77.3 25upl 10.9 63.8 72.3 73.6 77.6 79.3 79.1 81.8 68.3 78.0 78.3 79.1 79.1 79.2 2000 | 11.2 1860 | 11.2 G F 65.9 70.5 76.3 80.1 80.3 90.7 81.0 15 F 66.7 71.2 73.3 75.6 77.0 79.7 80.8 81.0 81.5 81.9 81.8 84.1 82.6 R2.6 82.6 84.9 82.7 1500 | 11.3 6.5 12001 11.4 62.4 10.7 75.6 80.5 81.9 84.3 85.9 86.2 86.6 85.9 A6.9 87.7 R7.7 A7.7 67.8 1000| 11.4 900| 11.4 63.9 72.4 73.5 77.3 78.4 82.5 83.6 83.9 85.0 86.3 87.9 89.1 88.1 88.6 89.8 89.9 90.1 88.9 89.7 90.8 89.7 90.8 89.7 89.8 91.0 89.3 GE GF 9UP 11.4 65.6 74.7 75.2 80.2 80.8 85.4 86.4 96.9 89.7 90.7 91.4 92.6 91.6 92.0 93.2 92.4 97.6 92.4 93.1 94.3 93.1 93.1 93.2 94.3 6.6 6001 L1.4 75 - 7 A1.0 5001 11.4 4601 11.4 76.3 76.3 89.0 84.7 89.9 94.9 95.9 96.8 95.9 6£ 66.7 P Z + 1 92.9 95.1 95.5 96.7 96.7 96.8 96.5 A2.1 93.7 97.8 66.7 96.0 7001 11.4 2001 11.4 66.7 76.4 A2.2 ня.3 8я.3 96.6 93.8 96.0 96.0 96.9 97.3 97.4 98.6 98.6 98.6 98.8 96.4 66.7 96.4 99.1 97.7 1001 11.4 46.4 98.0 99.3 93.8 99.3 99.3

TOTAL NUMBER OF OBSERVATIONS:

n| 11.4

100.0

99.5

90.0

٩6.U

46.4

98.0

99.3

GLUMAL CLIMATOLOGY BRANCH USAFLTAC

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PERCENTAGE FREGUENCY OF OCCURPENCE OF CFILING VFRSUS VISIBILITY
FROM HOUPLY OBSERVATIONS

The second

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL PERIOD OF RECORD: 75-84 MONTH: OCT HOURS (LST): 0900-1100 NG VISTBILITY IN STATUTE MILES CETLING GE 1 14 | 16E FEET | 10 δL ς GE GE 1/2 GE GF GE 2 1 1/2 1 1/4 űŁ 6E 4 GE 5/8 1/2 5/16 6 3/4 1/4 а 62.7 NO CETE 1 14.8 62.7 62.7 62.7 67.7 62.7 59.1 61.5 62.5 67.7 62.7 62.7 62.7 62.7 62.7 6E 20000| 15.2 6E 18000| 15.2 6E 16000| 15.2 67.5 67.6 67.6 67.7 67.6 67.7 64.0 66.2 67.2 67.5 67.6 67.6 67.7 67.6 67.7 67.6 67.6 67.6 67.6 67.7 67.6 67.7 67.9 68.0 68.0 6 P . O 64.2 66.6 67.5 67.9 68.0 68.0 68.0 68.0 68.0 68.0 68.0 140,001 67.9 GE 120001 15.2 54.8 67.2 68.2 68.5 64.5 68.6 68.6 68.6 68.6 68.6 68.6 69.6 68.6 68.6 68 - 6 100001 15.2 70.8 71.1 70.9 71.2 70.9 71.2 70.9 71.2 70.9 71.2 69.5 70.4 70.8 70.9 70.9 70.9 79.9 70.9 70.9 71.2 73.1 73.4 90UP| 15.2 69.8 70.8 71.2 71.2 71.2 71.2 71.2 67.4 71.1 #000| 15.2 7000| 15.2 69.1 69.4 71.7 72.0 72.1 73.0 73.2 73.0 73.1 73.4 73.1 73.1 73.4 73.1 73.4 73.1 73.4 73.1 73.1 73.4 73.1 73.4 GE 72.9 73.4 60001 15.2 75.4 75.7 75.4 75.7 75.4 75.7 75.4 75.7 75.4 75.7 50001 15.2 71.1 71.4 73.8 74.1 75.0 75.3 75.3 75.6 75.4 75.7 75.4 75.7 75.4 75.4 45401 15.4 75.6 75.7 75.7 75.7 GE 75.1 75.6 76.7 77.2 76.7 77.2 65 4000 15.4 72.4 76.6 76.7 16.7 76.7 76.7 76.7 16.7 76.3 16.7 35001 15.4 76.8 78.7 11.2 71.2 77.2 77.2 15 F 72.8 77.1 17.2 77.2 77.2 3CUN1 15.6 25001 15.7 20001 15.9 76.7 81.0 81.4 81.4 83.4 81.4 83.4 81.6 A2.8 A3.4 ЯЗ.4 Я4.8 A3.4 6.5 78.4 83.2 83.2 6 1 . 4 63.4 83.4 83.4 1900| 16.0 79.8 84.R 84.8 84.8 84.8 84.8 84.8 84.6 υE 84.6 R4.8 84.8 84.8 15001 16.2 A2.4 85.7 87.1 87.4 A7.4 87.6 87.6 A7.6 87.6 87.6 87.6 87.6 87.6 (, 1 12001 15.2 90.0 90.8 90.8 90.8 90.8 90.8 90.8 94.3 89.2 96.3 20.8 90.8 90.8 90.8 1007| 15.2 917| 15.2 93.6 95.1 97.6 93.6 95.1 (, F 86.d 87.1 90.1 91.8 93.1 33.0 93.5 95.0 93.6 95.1 93.6 95.1 93.6 95.1 93.6 95.1 93.6 95.1 93.6 95.1 93.6 95.1 SE 94.1 AUDI 16.2 81.7 95.4 96.4 97.8 93.7 24.3 95.8 96.3 96.4 96.4 96.4 96.4 96.4 97.8 96.4 96.4 96.4 5.6 6001 16.2 88.7 9 3 . 7 96.1 97.1 98.3 98.6 98.6 28.6 98.6 98.6 98.6 98.6 98.6 98.6 C.E. 5001 16.2 4001 16.2 98.8 39.U 93.9 96.2 97.4 78.1 78.5 98.7 99.4 99.4 99.9 99.4 79.4 99.4 99.4 99.4 99.4 G.F 1001 16.2 2001 15.2 89.0 94.2 96.5 97.A 97.B 98.5 99.2 99.9 99.9 100.0 99.9 99.9 99.9 99.9 99.9 90.0 99.9 100.0 100.0 190.0 100.0 100.0 100.0 100.0 100.0 1001 16.2 89.0 94.2 96.5 97.4 99.2 100.0 100.0 190.0 100.0 190.0 100.0 100.0 100.0 100.0 nt 16.2 97.0 97.4 99.2 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS: 227

14

SESBAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MAC

# PERCENTAGE FREQUENCY OF OCCURPENCE OF CETLING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PEPIOD OF PECORD: 75-84
MONTH: DEC HOURS(LST): 1500-1700

												HUNTH			(   2   1   1		
(1	L 146		• • • • • • •	• • • • • • •	• • • • • • •		• • • • • •	V 15 I	BILITY	IN STATE	UTF MIL	E 5		• • • • • • •	• • • • • • •	• • • • • • •	
1	9 1	r, E	GF	68	GE	GΕ	3.0	GE	GF	GΕ	GE	GE	G۴	GE	ь£	GΕ	GE
FE	E T	10	6	r,	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	۵
N O	CERT	2 F . P	51.u	51.0	د. ۱ ۲	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51•n	51.0	51.0	51.0
	100001		59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
	19000	-	6U • 7	60.7	6U • 7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
	161.001		611.6	60.8	50.8	60.9	60.8	6N.A	60.8	60.8	60.8	60.8	60.8	60.3	60.8	60.8	60.8
	140001		62.5	62.5	52.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
151	150001	32 . €	54.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
, ,	ionant	,, ,	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
6 F	90001		68.3	68.3	58.3	69.3	68.3	68.3	68.3	68.3	68.3	69.3	68.3	68 - 3	68.3	68.3	68.3
G.E.	80001	-	69.7	69.9	59.9	69.9	69.9	69.9	69.9	69.9	59.9	69.9	69.9	69.9	69.9	69.9	69.9
GE	70001		73.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
Ú.F	60001		70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
	011	3,	,,,,	• • .		*****	, , ,	, , , , ,		,,,,				1000	,,,,	, , ,	10.00
6.5	Stuni	34.1	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
ijĒ	45001		72.4	12.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
o F	10001	34.0	75.1	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
t, F	3560	35.4	77.C	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
1, F	30001	37.1	91.0	A1.6	81.9	81.9	81.9	82.0	82.0	82.0	42.U	82.0	82.0	82.0	82.D	82.0	82.0
( F	25001		43.7	84.7	95.U	85.4	85.4	85.5	85.5	85.5	A5.5	85.5	85.5	85.5	85.5	85.5	85.5
эF	50001		a5.8	46.4	A7.5	87.7	87.9	88.0	88.0	88.0	98.0	89.0	88.0	88.0	88.0	88.0	88.0
. ₹	1500)		96.5	87.6	A H . 1	89.6	88.7	89.1	89.1	89.1	99.1	80.1	89.1	89.1	89.1	89.1	69.1
o t	1,001		98.6	87.1	8 . P B	90.3	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
G F	11001	34.7	94.6	91.2	31.3	97.4	92.8	93.8	93.8	93.A	93.8	9 t . R	93.8	93.8	93.8	93.8	53.8
_									_							_	_
SE	11.00	30.P	70.4	91.8	92.5	93.3	93.6	94.6	94.6	94.6	74.7	94.7	94.7	94.7	94.7	94.7	94.7
i, f		18.B	96.H	77.6	23.5	94.4	74.7	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE		3A.A	91.2	93.0	93.9 94.0	94.9	95.2	75.5	96 • 7 97 • 2	96.7 97.2	96.8 97.3	94.9 97.4	96.9	96.9 97.4	96.9	96.9 97.4	96.9
oF.		30.A	91.4	93.3	74.1	95.2	95.5 95.6	96.9 97.2	97.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.4 97.8
3.5	601.1	,,	41.4	91.3	74.1	40.0	95.6	91.7	7/.7	77.5	41.1	91.0	77.H	97.5	41.6	97.0	91.6
4.4	roni	59.P	91.5	93.4	24.4	95.6	96.3	97.9	98.3	98.3	98.4	99.7	98.7	98.7	98.7	99.7	98.7
lı F		33.A	91.5	93.6	24.6	95.0	76.7	98.3	98.7	98.7	98.8	99.0	79.0	99.0	99.0	99.0	99.0
5.5		3 n . n	21.5	93.6	74.6	96.1	96.7	98.5	98.9	98.9	99.0	97.5	99.3	99.3	99.3	99.3	99.3
G.E.		34.8	71.5	93.6	94.6	96.0	76.7	98.5	98.9	98.9	99.3	99.5	99.5	99.8	99.9	99.9	99.9
f, r		2 A . A	21.5	93.6	94.6	96.0	96.7	98.5	98.9	98.9	99.0	99.5	99.5	99.B	99.9	99.9	99.9
										· ·		•					
(, F	n I	39.8	21.7	93.8	94.7	96.1	96.6	93.7	99.0	99.0	99.1	97.6	99.6	99.9	100.0	100.0	100.0

TOTAL GUMPER OF UNSERVATIONS: NIE

GLORAL CLIMATOLOGY RRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PEPIOU OF PECORD: 75-84 MONTH: DEC HOURS(LST): 1200-1400

												MONTH			(F211:		υQ
	LING	• • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •			IN STAT			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••
1	N I	٧£	ÜĒ	GE	GE	GE	GE	GE	GE	G£	GE	GE	GE	GE	GE	GE	GE
FŁ	LT I	10	ь	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO.	CETL	22.9	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	44.5	48.5	48.5	48.5	48.5	48.5
		a		. <b>.</b> .													
	200001		57.6 57.8	57.6	57.6 57.8	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7 57.9	57.7	57.7	57.7	57.7
	180001 180001		57.8	57.8 57.8	57.8	57.9 57.9	57.9 57.9	57.9 57.9	57.9 57.9	57.9	57•9 57•9	57.9 57.9	57.9	57.9	57.9	57.9	57.9
	14000		59.0	59.0	59.0	59.1	59.1	59.1	59.1	57.9 59.1	59.1	59.1	59.1	57.9 59.1	57.9 59.1	57.9 59.1	57.9 59.1
	120001		61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
0.	12.001	2.17 • 17	01.4	0	0,114	01.5	01.3	01.5	01+3	01.5	01.5	01.0	01.5	31.3	01.5	01.3	01.0
GE	100001	29.6	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GF	90001		64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GΕ	80001		65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
G E	70001	29.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GF	60001	29.4	66.9	66.9	56.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
5F	5000		68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
٥F	4500		70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
G.F.	4060		72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
G.F.	3500		74.6	74.9	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
() E	3000 l	32.5	79.2	79.5	79.6	79.7	79.9	80.0	80.0	90.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
	25.221		4.5.														
G E	2500] 2000]		92.3 95.3	87.6 85.5	A 3 . U	83.4	83.4	83.6	83.8	83.8	A3.8	83.9	83.8	83.8	B3.8	83.8	83.8
GF	1800		96.3	96.5	96.5 87.5	87.0 87.9	87.1 88.1	87.6 88.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
G.F.	1500		97.9	88.6	A9.7	90.4	90.7	91.2	88.6 91.3	88.6 91.3	P8.6 91.3	8Я.6 91.3	91.3	88.6 91.3	98.6 91.3	88.6 91.3	88.6 91.3
GE.	17001		89.U	89.7	90.9	91.8	92.B	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
O.L	170	3		0,	, , ,	7119	72.0	72.03	72.00	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
SΕ	10001	14.2	90.2	90.9	92.2	93.2	93.4	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
50		34.2	90.6	91.3	22.1	93.7	93.9	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
6 F	PLO	34.3	90.8	91.8	93.4	94.4	94.7	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
6€	7001	34.3	21.0	92.6	93.8	94.7	95.1	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
6€	5001	34.3	91.5	92.7	94.5	95.5	95.9	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
r. e		34.3	71.6	93.0	94.9	95.9	96.5	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
(, F		34. 3	71.8	93.2	95 • 1	96.5	97.1	98.1	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GΕ		34.3	21.8	91.2	95.1	96.8	97.4	98.3	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GF		34.3	91.8	93.2	75.1	96 • A	97.4	98.3	98.9	98.9	99.4	99.5	99.5	99.6	99.8	99.9	100.0
GF	1001	34.3	91.8	93.2	95.1	96.A	77.4	98.7	96.9	98.9	99.4	90.5	99.5	99.6	99.8	99.9	100.0
			01.5	0.2.2			0.7 "		<b>.</b>								
G.F		34.3	91.8	93.2	95.1	96.8	97.4	98.3	98.9	98.9	99.4	90.5	99.5	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSTRUATIONS: #37

GEORAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIALLITY FROM HOURLY OBSERVATIONS

Con-

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PEP100 OF RECORD: 75-84 HOURS(LST): 0900-1100 MONTH: DEC VISIBILITY IN STATUTE MILES CEILING IN | GE FEET | 10 GF GE 1 1/2 1 1/4 GE 5 GF GE r, F GF GF 4 3 2 1/2 3/4 5/8 1/2 5/16 1/4 0 6 NO CETE | 16.6 52.6 52.9 53.0 54.2 54.6 54.7 54.2 20000| 18.7 18000| 18.7 50.3 53.6 53.9 54.2 54.6 54.2 54.6 54.3 54.7 54.3 54.7 54.3 54.3 54.7 54.3 54.7 54.4 54.3 50.7 54.0 54.2 54.1 54.7 54.7 55.0 160001 18.7 50.7 54.3 54.7 54.8 54.8 54.8 54.8 54.8 54.8 54.9 55.2 55.2 57.1 140001 18.7 51.4 53.4 54.7 55.0 55.0 55.2 55.2 55.2 55.2 55.3 57.1 SF 12000| 19.1 56.9 56.9 57.1 55.3 56.3 56.9 57.1 52.9 56.6 56.9 57.1 57.1 57.2 59.5 59.7 61.3 G5 100001 19.8 59.1 59.2 60.9 59.5 59.7 55.2 57.7 58.8 59.4 59.5 59.4 59.4 59.4 59.5 59.5 59.7 59.5 59.7 59.5 59.7 59.5 59.7 59.7 59.8 57.8 GE. 90001 19.9 55.3 59.0 59.5 59.5 800D1 20.4 60.6 61.2 61.2 61.3 61.3 61.4 1, 5 56.9 61.2 61.2 61.3 61.3 61.3 70001 20.4 60.3 62.2 b € 6ngn1 20.6 56.4 60.9 62.0 62.3 62.6 62.6 62.6 62.6 62.8 62.8 62.8 62.8 62.8 62.8 62.9 50001 20.9 45001 20.9 63.1 63.5 63.8 63.8 65.6 63.8 63.8 63.9 65.7 63.9 65.7 63.9 65.7 63.9 65.7 63.9 65.7 63.9 SE 59.4 64.1 65.8 61.2 63.7 υ E G E 63.5 66.0 68.1 67.4 67.9 70.0 68.2 68.2 70.3 68.2 68.3 70.5 69.3 77.5 68.3 70.5 68.3 68.3 70.5 68.4 40001 21.7 68.2 68.3 35001 21.9 70.3 70.5 72.6 trant 70.9 73.5 GF GF 76.6 79.4 25001 71.2 73.8 75.4 75.9 76.3 76.4 20001 23.3 73.8 76.4 78.3 78.1 78.5 78.9 79.0 79.1 79.2 79.4 79.4 79.4 79.4 79.4 79.5 75.7 90.0 80.4 80.8 80.9 81.0 81.1 81.3 81.3 81.3 81.3 R1.3 81.3 15001 76.8 81.7 83.9 ΒĒ 24.11 R3.4 94.2 84.3 84.5 84.6 94.7 84.7 84.8 84.8 84.8 A4 . 8 84.9 12001 90.5 96.4 86.7 87.3 83.9 86.5 10001 24.0 87.0 87.9 88.1 89.7 91.3 88.3 89.8 91.5 88.5 88.6 90.2 88.6 88.7 90.3 87.8 88.5 88.6 88.6 82.7 90.2 65 9001 24.0 86.5 88.5 89.0 89.3 89.4 90.0 90.0 90.2 97.5 6€ 9601 24.0 88.0 90.0 91.1 91.7 91.8 84.0 90.9 91.7 91.8 91.8 91.8 91.9 7001 24.0 6001 24.0 92.3 93.6 υE 84.8 89.4 93.1 93.5 93.6 73.6 GE 85.3 90.0 92.4 94.0 94.3 94.7 94.7 94.8 94.8 94.8 94.8 94.9 5001 24.0 GF 95.9 90.6 93.4 94.8 95.1 96.2 95.5 96.8 96.1 97.6 96.2 91.1 96.7 96.8 99.3 96.9 96.9 99.5 96.9 96.9 98.5 97.0 98.6 95.8 4001 24.0 A6.1 91.1 94.0 98.2 98.5 94.0 3001 24.0 96.8 97.9 S.F. 96.1 91.1 96.2 97.7 98.0 98.5 98.R 98.9 98.9 98.9 98.9 99.1 94.0 95.8 99.6 96.1 96.2 100.0 99.8 GF 1001 24-0 96.1 91.1 94.0 95.4 96.2 97.0 98.0 98.2 98.7 99.1 99.2 99.4 99.6 100.0 94.0 98.7 01 24.0 91.1 75.9 96.2 97.0 98.0 99.1 99.2 99.4 99.6 99.8

4

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICEZMAC

### PERCENTAGE FREQUENCY OF GCCURPENCE OF CEILING VERSUS VISIHILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 75-84

1

1.0

STATION NUMBER: 727265 STATION NAME: MAXWELL AFE AL

MONTH: DEC HOURS (LST): 0600-0800 VISIBILITY IN STATUTE MILES CEILING GE GF GE 7 1 1/4 GF 4 GE 5 GE GE GE GE GE GΕ 6 f FEET | ID 3 2 1/2 5/8 ō 5/16 1/4 b 1 3/4 1/2 45.5 NO CETE | 10.9 38.3 40.2 41.7 43.9 44.2 45.2 45.5 45.8 46.1 46.1 46.2 46.2 46.6 47.3 50.9 50.9 48.6 49.9 50.5 6E 200061 11.9 46.6 48.9 50.2 50.2 50.8 50.9 51.1 51.5 52.2 42.6 180001 11.0 42.8 44.9 46.0 4 A . H 49.1 50.1 50.4 50.4 50.6 50.9 51.1 51.2 51.6 52.4 160001 11.9 42.8 50.4 50.4 44.1 46.9 43.9 49.1 50.1 50.6 50.9 51.1 51.2 51.6 52.4 14000| 11.0 50.2 50.5 50.5 50.8 l, F 120001 12.1 44.3 46.3 48.4 59.4 50.6 51.6 51.9 51.9 52.2 57.5 52.5 52.7 52.8 53.2 53.9 49.1 52.1 52.1 52.4 52.4 53.4 53.4 53.9 53.9 54.2 54.2 54.2 54.2 54.4 54.4 54.9 54.9 100001 12.6 46.1 54.1 54.5 55.7 9000 12.6 46.1 50.1 54.5 8000| 12.8 7000| 12.8 51.9 53.9 54.2 55.2 56.0 55.5 56.2 55.5 56.2 55.8 56.5 56.1 56.8 56.2 57.0 56.4 57.1 56.8 47.9 49.9 56.1 57.5 44.6 50.6 56.8 50001 13.3 53.2 55.2 57.2 58.5 57.5 58.5 58.8 59.8 60.4 59.1 60.7 59.4 59.4 59.5 59.7 60.1 60.8 61.0 62.3 ŭ ₽ 45001 13.5 52.2 56.5 59.0 60.1 61.0 61.1 61.3 61.7 62.4 63.0 48001 13.9 53.5 55.8 57.8 59.8 60.3 61.7 67.3 62.4 61.4 61.7 62.0 63.7 35001 14.2 64.7 1, 5 55.8 58.1 60.1 62.1 62.6 64.0 64.D 64.3 64.5 64.6 64.8 66.0 65.3 68.7 611.F 66.7 67.0 67.3 67.6 66.7 25001 15.1 20001 15.6 69.U 71.4 73.3 71.2 73.6 75.5 10.6 73.0 70.9 73.3 71.2 73.6 71.3 73.7 64.E 66.6 69.U 69.6 70.3 70 • 6 73 • 0 71.4 73.9 62.0 71.9 72.6 1, 5 12.1 1800 | 15.8 70.9 66.3 68.9 72.9 74.6 74.9 74.9 75.2 75.5 75.6 75.8 16.2 76.9 15001 15.9 69.7 77.3 79.1 79.1 79.3 79.6 79.6 79.8 79.9 80.3 76.4 12601 16.1 71.4 74.3 79.1 79.6 81.1 81.3 81.3 P1.6 81.9 A1.9 82.2 82.4 82.8 83.5 72.3 72.5 15.3 15.6 78.U 78.3 80.3 80.6 AD.9 81.3 82.4 82.9 82.6 92.9 83.6 83.2 83.9 93.2 94.1 83.5 84.4 83.6 84.5 84.1 84.9 10001 16.1 82.6 83.2 9001 16.1 700| 16.1 17.9 18.6 83.6 85.2 85.9 86 • 1 87 • 7 P6.4 88.1 86.8 88.5 87.1 89.5 87.5 89.2 87.7 89.4 88.1 (, : 14.5 AD.8 86.5 87.2 88.8 90.5 я1.8 89.U 89.2 79.E r: F 6601 16.1 90.1 90.5 9 N . R 91.2 A8.5 A8.7 B9.2 91.5 92.3 93.4 91.8 92.5 93.7 92.0 92.7 93.8 92.5 93.4 94.7 6 F 5601 15.1 76 • 3 76 • 3 80.2 80.2 R 3 . 5 R 3 . 5 A7.4 92.7 93.5 93.1 93.8 94.7 90.5 91.1 91.4 92.3 90.8 91.5 91.5 4UP | 16.1 95.4 3001 15.1 76.3 80.. 93.5 87.8 92.5 94.8 96.1 GE 2001 15.1 76.3 80.2 A 3 . 5 87.8 89.2 92.0 92.8 94.5 95.0 95.3 96.6 96.8 98.7 93.0 80.2 97.1 93.0 98.3 80.4 92.0 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

1

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

MONTH: NOV HOURS(LST): 2100-2300 CEILING VISIBILITY IN STATUTE MILES U1 t. GE 1 GE GF 3 2 1/2 GE GE GF GE 2 1 1/2 1 1/4 GE IN ! GE GE 10 3/4 5/8 1/2 5/16 1/4 0 NO CETE 1 23.8 58.8 59.3 59.5 59.5 59.5 59.6 59.6 59.6 59.6 59.6 59.6 59.A 59.8 59.8 59.8 GF 200001 GE 180001 64.2 64.5 64.6 64.7 64.8 64.7 64.8 64.7 64.R 65.0 64.8 65.0 64.9 65.0 64.8 65.0 64.8 65.0 64.8 65.0 65.2 65.2 65.1 65.2 65.2 GE 160001 25.3 GE 140001 25.3 64.2 64.6 64.8 64.8 64.8 64.8 65.0 65.0 65.0 65.0 65.0 65.0 65.0 65.0 65.0 65.0 65.2 65.2 65.2 65.2 65.2 65.2 64.8 65.0 65.0 64.8 65.2 SE 120001 25.8 65.6 66.0 66.0 66.1 66.1 66.1 66.1 66.1 66.3 67.0 67.2 100001 10000| 25.9 9000| 26.0 66.9 67.0 67.2 67.2 67.3 66.3 67.1 67.1 67.2 67.2 67.5 GE 66.7 67.2 67.2 80001 26.0 69.1 69.1 69.1 68.4 66.6 69.8 69.8 70.1 70601 26.0 68.0 68.6 69.3 69.6 69.6 69.8 69.8 69.8 70.0 70.0 70.1 60001 26.N 70.2 70.2 70.3 70.3 70.3 70.3 59.5 70.3 70.3 70.5 70.6 68.5 70.5 70.6 71.2 72.9 75.0 71.2 spunt 69.4 70.1 71.2 71.2 71.5 70.8 71.1 71.2 71.5 72.9 75.0 72.9 75.0 45001 26.1 71.7 72.8 72.9 75.0 72.9 75.0 73.2 75.3 73.2 G.F 70.8 72.4 72.8 72.9 73.1 73.1 40001 26.2 74 . R 76 . 7 75.2 72.7 74.3 74.8 75.0 75.2 G€ 35001 26.6 76.9 77.2 30001 26.6 77.0 78.0 78.H 79.2 79.2 79.6 79.6 19.6 79.6 79.6 79.6 79.9 79.9 80.0 80.1 G.F 25001 25.8 20001 27.2 81.1 84.4 83.1 96.6 83.6 87.1 83.6 87.1 84.D 87.7 84.0 87.7 84.0 87.7 84.D 84.0 87.7 84.0 87.7 84.4 88.1 84.4 84.5 88.2 84.6 88.3 82.1 85.5 87.7 1800| 27.2 1500| 27.2 86.2 88.2 97.5 87.7 90.1 88.4 91.0 88.9 91.0 88.4 91.0 88.8 91.4 G-F 95.0 87.7 88.4 88.4 88.4 88.7 88.7 89.0 91.0 86.9 91.D 91.0 91.3 91.5 89.2 GE 12001 97.9 70.3 90.7 91.1 92.0 92.0 92.0 92.0 92.0 92.0 92.5 GE GE iruni 91.1 91.5 92.7 93.5 93.1 93.1 93.1 93.5 runi 27.2 9001 27.2 98.5 90.0 92.0 93.1 93.1 93.4 93.6 94.3 99.1 90.8 92.2 93.2 94.3 94.3 94.6 94.6 94.9 800| 27.2 700| 27.2 91.5 93.4 94.0 95.1 95.8 95.2 95.3 96.0 95.3 96.0 6F 99.5 95.3 95.3 95.6 95.6 95.8 95.9 94.1 20.0 96.0 96.0 96.3 96.3 68 96.4 96.5 9U • 1 5001 27.2 4001 27.2 90.5 92.7 94.3 95.5 95.6 96.D 97.3 97.4 97.5 97.8 97.8 98.3 97.8 97.8 98.1 98.1 98.2 98.3 99.0 96.1 98.4 GE 70.6 94.4 98.0 98.4 98.8 98.8 97.5 3001 27.2 92.9 94.4 95.8 97.9 98.5 99.7 98.7 99.0 99.1 90.6 76.2 93.2 99.0 99.2 2001 27.2 27.6 92.9 94.4 95.8 96.2 97.4 98.2 98.5 98.R 98.8 99.1 99.2 99.3 99.4 1001 27.2 98.9 93.6 92.9 97.5 99.3 99.8 96.2 98.0 99.7 91 27.2 БE 20.6 92.5 94.4 95.4 96.2 97.5 98.0 98.3 98.7 98.9 98.9 99.2 99.7 99.8 100.0

TOTAL NUMBER OF OBSERVATIONS:

PERIOD OF RECORD: 75-84

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GLUBAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MAC

# PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STA	TION N	NWAFE:	122265	STATI	ON NAME:	MAXM	FLL AFB	AL				PE 9100	OF REC					
													1: NOV			1800-20		
	LINo	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •			IN STAT			• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	•••
1		GE	GE	GE	GF	GE	GF	GE	GF	GE	GE	, C J GE	GE	GE	GE	GΕ	GĒ	
	ËT İ		6	5	Ŭ`4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	O.	
																	-	
																		•••
NO	CETL I	24.4	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	
	Soonul		63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	
	Iscoul		63.8	64.1	54.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	
	recoul		63.8	64.1	64.1	64.1	64.1	64 • 1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	
	140001		64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	
G F.	15600]	26.1	45.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	
6. F	100001	26.1	66.2	66.6	66.6	65.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	
ĞΈ	20001		66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	
GE	80001		69.9	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	
SE	7001		68.9	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	
ĿΕ	60001		69.3	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	
								, , , ,					,,,,,			, , ,	, , ,	
G.E.	Scort	27.3	70 - 8	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	
GE	4500	27.4	72.1	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	
(, F	4000		75.1	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	
6 F	35 un 1		77.U	78.1	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	
6 E	3000 J	29.3	79.9	81.3	81.8	81.9	81.9	81.9	81.9	81.9	A1.9	82.1	82.1	82.1	82.1	82.1	82.1	
5 F	25001	28.5	83.1	84.6	85.3	85.5	85.5	85.8	85.8	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.D	
ÚΕ	20001		85.5	87.1	87.7	88.0	A8.0	88.3	88.3	88.3	98.3	88.4	88.4	88.4	88.4	88.4	88.4	
65	isuci		87.1	88.7	A9.5	89.7	89.7	90.2	90.2	90.2	90.2	90.3	90.3	99.3	90.3	90.3	90.3	
G.F.	15001		88.7	90.5	91.5	91.9	91.9	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	
∪ F	12001	20.0	89.4	91.4	92.4	92.8	92.8	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	
G.E	recol		89.9	92.2	93.4	94.0	94.U	94.5	94.8	94.8	94.8	94.9	94,9	94.9	94.9	94.9	94.9	
GF.		29.0	30.1	92.6	94.3	94.9	94.9	95.4	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	
ĿĒ		53.4	90.9	93.6	95.5	96.2	96.2	96.9	97.2	97.2	91.2	97.3	97.3	97.3	97.3	97.3	97.3	
GE		27.0	91.2	94.0	96.0	95.7	96.7	97.3	91.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	
Ġ€	6001	29.0	91.5	94.4	76.4	97.1	97.1	97.9	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	
6 E	5001	29.0	91.6	94.5	96.5	97.4	97.4	99.2	98.6	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	
GE		29.0	91.6	94.5	96.5	97.4	97.4	98.4	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	
GE	3001	27.0	91.6	94.5	96.5	97.4	97.5	98.6	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
GE		27.0	91.6	94.5	96.5	97.4	97.5	98.6	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
GE	Inni	29.0	91.6	94.5	96.5	97.4	97.5	98.6	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
		\0 · c																
ÜΕ	n į	29.0	91.6	94.5	96.5	97.4	97.5	98.6	98.9	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURPTINCE OF CEILING VIRSUS VISIBILITY FROM HOURLY OBSERVATIONS

13

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL PERIOD OF RECORD: 75-84 MONTH: NOV HOURS(LST): 1500-1700 VISIBILITY IN STATUTE MILES CEILING GE GE 2 1/2 IN | SE FEET | 1 6 E GE GE GE GE 2 1 1/2 1 1/4 1 GE 3/4 10 5/8 1/2 5/16 1/4 o NO CETE 1 25.3 55.4 55.5 55.5 55.5 55.5 55.4 55.5 GE 200001 27.3 GE 180001 27.3 63.3 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.4 GE 16000| 27.3 GE 14000| 27.3 63.3 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.4 63.9 64.0 64.0 64.0 64 . D 64.0 64.0 64.U 69.0 64.0 64.0 64.0 64.0 64.0 64.0 120001 27.3 64.8 64.8 64 . 8 64.8 64.8 100001 27.4 66.8 66.9 66.9 66.7 66.9 66.9 66.9 66.9 66.9 65.9 67.4 66.9 66.9 66.9 66.9 GE 8000 27.P 70.7 71.0 71.0 71.0 71.0 71.0 71.0 71.0 6 F 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.1 70001 27.8 70.8 71.1 71.1 60001 27.8 GE 71.3 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 50001 29.0 71.5 73.5 74.7 77.7 73.5 74.7 77.7 73.5 74.7 77.7 73.5 74.7 17.7 79.6 73.5 74.7 77.7 73.5 74.7 77.7 G F 73.1 73.5 73.5 73.5 74.7 73.5 74.7 73.5 74.7 73.5 74.7 73.5 74.6 77.6 74.7 74.7 υE 45001 28.3 74.6 40001 29.8 35001 29.1 11.3 77.6 79.4 77.7 17.7 77.7 6 E 77.7 79.6 79.6 6 E 30unl 29.1 90.4 80.7 80.9 81.3 81.0 81.0 81.0 81.2 H1.3 81.3 GE 25001 29.1 20001 29.2 84.1 87.6 84.5 88.2 84.7 88.7 84.8 84.9 89.U 85.1 89.1 85.1 89.1 93.5 84.7 84.7 85.1 85.1 89.1 85.1 89.1 85.1 46.8 89.5 88.6 89.0 99.1 89.1 GΕ 1900| 27.4 87.5 89.4 90.7 89.1 89.4 92.4 99.5 89.7 93.0 89.9 90.0 90.0 97.1 90.1 90.1 90.1 90.1 90.1 92.0 92.5 ĿΕ 89.2 95.1 93.6 93.6 93.6 93.6 G F. 12001 30.0 90.5 toout 91.0 93.0 93.4 94.3 94.8 95.4 95.9 95.B 95.9 96.7 96.7 96.2 96.2 96.7 97.7 96.2 96.7 97.7 96.2 96.7 97.7 96.2 GE 900 30.0 95.3 95.4 96.0 96.2 96.3 8001 30.0 21.9 93.9 95.4 97.0 97.7 97.7 96.0 96.2 96.9 97.7 SE 7001 30.0 91.9 94.0 95.5 96.3 96.5 97.3 97.4 97.7 97.8 99.1 98.1 98.1 98.1 98.1 6un| 30.0 GE 98.3 94.7 98.8 99.1 99.1 99.1 99.1 99.1 99.1 5001 30.0 91.3 92.0 94.2 95.9 97.7 98.7 98.7 99.1 99.1 99.2 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 υE 98.4 99. R 32.0 95.9 1. F 94.2 97.7 98.4 99.2 99.8 99.8 301 37.0 97.3 92.0 94.2 97.7 98.4 93.8 98.8 99.2 100.0 68 99.4 170.0 100.0 100.0 100.0 100.0 100.0 2001 30.C 92.0 95.9 97.3 97.7 100.0 100.0 100.0 100.0 100.0 1001 30.0 100.0 GF 92.11 94.2 25.9 97.1 97.7 98.4 98.8 99.2 99.4 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS: 893

92.0

94.7

95.9

97.1

47.7

98.4

98.8

99.2

99.4 100.0 100.0

100.0

100.0 100.0 100.0

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GLUBAL CLIMATOLOGY RRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VFRSUS VISIBILITY
FROM HOURLY OBSERVATIONS

100

STATION NUMPER: 122765 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84 MONTH: NOV HOURS(LST): 1200-1400 VISIBILITY IN STATUTE MILES CEILING IN | 3E FEET | 10 GE 6 GE 5 GF 4 GE GE 3 2 1/2 GE GE GE 2 1 1/2 1 1/4 GE 1 GΕ 1/4 3/4 5/8 1/2 5/16 ū NO CETE | 19.5 53.8 53.8 53.B 53.8 53.B 53.8 53.8 53.8 53.8 53.8 53.8 53.8 53.8 53.8 53.8 GE 200001 20.4 61.8 61.8 61.8 61.8 61.8 61.9 61.8 61.8 61.8 61.8 61.9 61.8 61.8 61.8 61.8 61.8 61.8 GE 182001 20.4 61.9 61.9 61.9 61.9 61.9 61.9 61.9 GF 160001 20.4 61.9 61.9 61.9 61.9 61.9 61.9 61.9 61.9 61.9 61.9 61.9 61.9 61.9 61.9 GE 140001 20.4 62.1 62.1 62.1 62.1 6E 120001 20.4 62.7 62.7 62.7 62.7 62.7 62.7 62.7 62.7 62.7 62.7 62.7 62.7 62.7 62.7 62.7 65.2 65.8 65.2 65.8 65.2 65.8 65.2 65.8 65.2 65.8 65.2 65.8 65.2 65.8 65.2 65.8 65.8 65.2 65.8 65.2 65.8 65.2 65.8 GE 100001 20.4 65.2 65.8 65.2 65.8 9000 20.6 GF anuni 20.6 70uni 20.7 68.9 69.3 68.9 69.3 68.9 68.9 69.3 68.9 69.3 68.9 68.9 68.9 68.9 69.3 68.9 69.3 68.9 68.9 68.9 68.9 69.3 68.9 69.3 69.3 69.3 60001 20.7 69.9 69.9 69.9 69.9 69.9 69.9 69.9 GE GE 50001 20.7 71.2 72.1 71.3 71.3 72.2 71.3 72.2 71.3 72.2 71.3 72.2 45001 20.7 72.1 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72.2 74.8 72.2 ijĒ 40001 20.8 35001 21.4 74.8 74.4 74.4 74.5 74.5 74.6 74.8 74.8 74.8 74.8 74.8 74.8 74.8 G.E. 76.3 76.4 76.5 79.7 76.7 79.9 76.3 76.4 76.4 76.7 76.7 76.7 76.7 76.7 76.7 76.7 30001 21.5 79.5 79.9 79.9 79.9 79.9 25001 21.6 20001 22.0 83.2 83.3 87.2 83.3 87.2 83.4 87.4 83.7 87.7 89.3 83.9 88.0 89.5 83.9 83.9 88.1 83.9 88.1 R3.9 83.9 83.9 88.1 83.9 86.5 87.7 88.0 88.1 89.6 88.1 89.6 ⊌E. 88.1 88.2 88.9 89.6 1800 22.2 98.4 48.6 89.6 89.6 98.6 89.6 89.7 GE 1500L 22.5 20.2 91.2 91.6 91.8 92.2 92.6 92.9 93.0 93.0 93.0 93.0 93.0 12001 23.0 92.3 94.1 94.2 94.6 95.1 95.3 95.3 95.4 95.4 95.4 95.4 95.4 95.4 95.5 10001 23.0 9001 23.0 94.3 94.6 95.0 6E 95.1 95.4 95.5 96.U 96.4 96.7 97.1 97.2 97.7 97.2 97.7 97.2 97.7 97.2 97.7 92.9 96.9 97.0 97.3 (, F 93.2 95.9 97.3 8001 23.0 7001 23.0 6 E 93.5 95.8 96.2 96.8 97.5 98.2 97.8 97.9 98.2 98.2 98.9 98.2 98.9 98.2 98.9 98.2 98.9 98.2 98.9 98.3 98.6 99.2 99.2 99.3 G.F 6001 23.0 94.0 95.5 96.5 97.2 97.A 98.6 98.8 98.9 90.2 99.2 99.2 99.2 5001 23.0 4001 23.0 94.0 95.5 95.5 96.7 97.3 97.3 98.7 98.8 99.2 99.3 99.4 99.7 99.8 99.7 99.8 99.7 99.7 99.7 99.7 99.8 GE GF 97.9 98.0 3001 23.0 2001 23.0 94.0 95.5 95.5 96.7 97.5 98.0 98.0 98.8 98.8 99.6 99.9 99.9 99.9 99.9 99.9 100.0 GF 93.4 99.9 99.4 99.9 94.0 GΕ 1001 23.0 95.5 100.0 ЬE 01 23.0 97.3 99.9 99.9 100.0

TOTAL NUMPER OF ORSERVATIONS: 997

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GLOPAL CLIMATOLOGY RRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXNELL AFB AL

PEPIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): U900-1100

												MONTH				0900-11	.00	
	L I NG	• • • • • •	• • • • • • •				• • • • • • •		RILITY	IN STATE					• • • • • • •	•••••	•••••	•
	N	C/F	6E	GE	GE	6E _	G E	GE _	G.F.	GE	GE	GE	GΕ	GE	GE	GE	G E	
_	E 1						2 1/2		1 1/2	1 1/4		3/4	5/8	1/2	5/16	1/4	0	
N.O	CETE	12.2	48.7	50.1	50.6	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	
.,,		****	7011	30.1	,010	3.7.	,,,,,	,	,,,,	J	/ <b></b>	3.01		,,	7	3111	<b>,</b>	
	Sucout		56.7	59.3	59.0	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	
	18000		56.9	58.4	59.1	57.4	59.5	59.5	59.5	59.5	59.5	50.5	59.5	59.5	59.5	59.5	59.5	
	100001		56.9	58.4	59.1	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	
	140001		56.9	58.4	59.1	59.4	59.5	59.5	59.5	59.5	59.5	50.5	59.5	59.5	59.5	59.5	59.5	
G E	156au	13.0	57.5	59.1	59.8	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60 • S	
υĒ	[ucon]	15.0	59.0	60.6	61.3	61.5	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	
SE	3000	13.0	59.1	60.8	61.4	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	
GE	80001		61.5	63.2	64.0	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	
GE	1001		61.9	63.5	64.4	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	
GΕ	9000 F	.13.2	62.7	64.3	65.2	65.7	65.6	65.P	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	
SE	scont	13.2	64.2	66.4	67.4	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.8	68.0	68.0	
GE	45001	13.2	64.4	66.7	61.7	69 - 1	68.2	68.2	68.2	68.2	68.2	64.7	68.2	68.2	68.2	68.2	68.2	
3 E	40001	13.4	66.7	69.1	70.2	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	
υE	35001	13.4	67.4	70.1	71.2	71.9	72.0	72.0	72.0	72.0	72.U	72.0	72.0	72.0	72.0	72.0	72.0	
GF	3000 i	13.5	68.6	71.2	72.4	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	
G E	2 001	13.7	69.8	12.1	73.8	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	
G.F.	2000	13.9	73.4	76.8	77.9	79.2	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	
5 E	18001	11.9	74.5	77.9	79.0	80.4	80.6	80.6	80.9	80.9	80.9	87.9	80.9	81.0	81.0	81.0	81.0	
ЭE	1501	14.4	78.7	82.9	84.5	86.3	86.5	86.7	87.0	87.0	87.0	87.0	87.0	87-1	87.1	87.1	87.1	
G F	1500	14.5	A1.0	85.7	A7.7	89.6	99.9	90.1	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	
6.5	10001	14.7	R2.6	87.7	89.9	92.0	92.2	92.9	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	
GE		14.7	93.5	89.1	91.2	93.3	93.6	94.3	9.40	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0	
GE	euni	14.7	84.3	90.2	92.3	94.4	94.8	95.4	96.0	96.0	96.2	95.2	96.2	96.3	96.3	96.3	96.3	
υſ	7001	14.7	94.9	91.2	93.4	95.5	95.9	96.7	97.3	97.3	97.5	97.5	97.5	97.7	97.7	97.7	97.7	
GF	6001	14.7	95.1	91.4	93.6	95.4	96.1	96.9	97.5	97.5	97.8	97.9	97.9	98.0	98.0	98.D	98.0	
SE	Suni	14.7	95.1	91.4	93.6	95.9	96.2	97.2	98.1	98.1	98.3	99.7	98.7	98.8	98.8	98.8	98.8	
GF		14.7	85.2	91.5	94.4	96.3	96.7	97.4	98.8	98.8	99.0	99.4	99.4	99.6	99.6	99.6	99.6	
υE		14.7	85.2	91.5	94.0	96.3	96.7	97.8	98.9	98.9	99.1	99.6	99.6	99.7	99.7	99.7	99.7	
G E		14.7	95.2	91.5	94.0	96.3	96.7	97.9	98.9	98.9	99.1	99.7	99.7	99.8	99.8	99.9	99.9	
G F	tent	14.7	A5.2	91.5	94.0	96.3	96.7	97.8	98.9	98.9	99.1	99.7	99.7	99.9	99.9	100.0	100.0	
65	n I	14.7	45.2	91.5	24.0	96.1	96.7	97.8	98.9	98.9	99.1	99.7	99.7	99.9	99.9	100.0	100.0	
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GLOBAL CLIMATOLOGY PRANCH USAFETAC A: WEATHER SERVICE/MAC

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

(T)

					ON NAME:							MONTH		HOURS	(LST):		
CEIL				• • • • • •	• • • • • • • •	• • • • • •	•••••			IN STATE			• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
IN		6E	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	G€	GΕ	G€	GE	GE
FEF	•	10	6	5	4	3	2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	0
• • • •	• • • • • •	••••	• • • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
NO C	EIL	6.2	36.8	40.3	41.9	43.5	45.1	46.4	47.5	47.6	48.0	48.1	48.1	48.3	48.3	48.7	49.6
	ucan	6.4	41.1	45.6	47.6	49.3	50.9	52.2	53.3	53.4	53.8	53,9	53.9	54.1	54.1	54.5	55.4
	80001	5.4	41.3	45.9	47.8	49.6	51.2	52.4	53.5	53.6	54.0	54.1	54.1	54.4	54.4	54.7	55.6
	ecool	6.4	41.3	45.9	47.6	49.6	51.2	52.4	53.5	53.6	54.0	54.1	54.1	54.4	54.4	54.7	55.6
	40001	6.4	41.3	45.9	47.8	49.6	51.2	52.4	53.5	53.6	54.0	54.1	54.1	54.4	54.4	54.7	55.6
GE. I	2000	6.4	41.7	46.2	48.3	50.1	51.7	52.9	54.0	54.1	54.5	54.6	54.6	54.9	54.9	55.2	56.1
GE 1	Jenes	6.4	43.3	48.2	50.3	52.0	53.6	54.9	56.0	56.1	56.5	56.6	56.6	56.8	56.8	57.2	58.1
GE	90un	6.4	43.3	48.2	50.3	52.0	53.6	54.9	56.0	56.1	56.5	56.6	56.6	56.8	56.8	57.2	58.1
GE	10018	6.6	47.0	51.9	54.0	55.7	57.3	5A.5	59.7	59.8	60.1	61.3	60.3	60.5	60.5	60.9	61.7
	7000	6.6	47.5	52.5	54.6	56.3	57.9	59.2	60.3	60.4	60.9	61.0	61.0	61.3	61.3	61.6	62.5
6E	eunu I	6.6	48.3	53.4	55.5	57.2	58.8	60.0	61.1	61.3	61.7	61.9	61.9	62.1	62.1	62.5	63.3
GE	50001	6.6	49.1	54.5	56.8	58.7	60.3	61.5	62.6	62.7	63.2	63.3	63.3	63.6	63.6	64.D	64.8
6 E	45UN	6.6	49.3	55.2	57.6	59.4	61.3	62.5	63.6	63.7	64.2	64.3	64.3	64.6	64.6	64.9	65.8
ĿΕ	4000	6.6	51.0	57.2	59.8	61.7	63.6	64.8	65.9	66.1	66.5	66.7	66.7	66.9	66.9	67.3	68.1
	350n	5.6	51.9	58.3	60.9	63.0	64.8	66.1	67.2	67.3	67.8	67.9	67.9	68.1	68.1	68.5	69.4
GE	3000	6 • a	53.1	59.7	62.2	64.6	66.4	67.7	68.8	69.0	69.5	64.6	69.6	69.9	69.9	70.2	71.1
GΕ	2*001	4.8	54.9	61.6	64.2	66.7	68.5	69.7	70.8	71.1	71.6	71.7	71.7	72.0	72.0	72.3	73.2
GΕ	2000	6.8	57.3	64.5	67.2	69.6	71.5	72.8	74.0	74.3	74.8	74.9	74.9	75.4	75.4	75.8	76.6
_	[ OU 1	6.9	58.8	66.1	68.8	71.2	73.3	74.7	75.9	76.1	76.6	76.8	76.8	77.2	77.2	77.6	78.5
	rzodi	7.0	61.3	68.8	72.1	74.8	76.9	78.4	79.6	79.8	8D.7	80.9	80.9	81.4	81.4	81.8	82.7
Ģ€	15001	7.3	64.1	12.2	75.8	78.8	81.2	82.8	84.0	84.3	85.2	85.5	85.5	86.0	A6.0	86.3	87.2
GE	10001	7.4	64.9	73.3	76.9	80.3	82.7	84.4	85.9	86.2	97.2	87.5	87.5	87.9	87.9	88.3	89.2
GE	900	7.6	65.7	74.3	78.U	81.4	83.9	85.7	87.5	87.8	98.8	89.1	89.1	89.5	A9.5	89.9	90.8
GΕ	euni	7.6	66.1	74.9	78.6	82.2	84.6	86.5	88.3	88.8	89.8	90.2	90.2	90.7	90.7	91.0	91.9
GE	700	7.7	66.7	75.6	79.5	85.3	85.7	87.8	89.7	90.2	91.1	91.5	91.5	92.0	92.0	92.4	93.2
6 <b>£</b>	6001	7.7	67.5	76.9	PO.7	84.6	87.2	89.3	91.1	91.6	92.6	93.0	93.0	93.5	93.5	93.8	94.7
GE	50n J	7.7	67.7	77.1	91.2	85.4	87.9	90.4	92.4	92.9	93.8	94.2	94.2	94.7	94.7	95.1	96.1
6 E	40 n	7.7	67.8	77.2	<b>91.4</b>	85.9	88.4	91.1	93.7	94.2	95.3	95.8	95.8	96.3	96.4	96.8	97.8
GΕ	300	7.7	67.8	17.2	81.4	86.0	86.6	91.4	94.0	94.6	95.9	96.4	96.4	96.9	97.0	97.4	98.4
Ģ₹	500	7.7	67.8	77.2	P1.4	86.1	88.7	91.5	74.1	94.7	96.1	96.6	96.7	97.2	97.3	98.0	99.3
e.E	1001	7.7	67.8	77.2	01.4	86.1	R6.7	91.5	94.3	94.7	96.1	96.6	96.7	97.2	97.4	98.4	100.0
GE	nt	7.7	67.8	77.2	91.4	я6.1	96.7	91.5	94.1	94.7	º6∙1	95.6	96.7	97.2	97.4		100.0

GLOBAL CLIMATOLOGY GRANCH USAFLTAC AIR WEATHER SERVICE/MAC

### PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VFRSUS VISIBILITY FROM HOUPLY OBSERVATIONS

		-				N NAME:			-				HONTH		HOURS	(LST):		00
	LNG	• • • • •	• • • • •		•••••	• • • • • • •	•••••	• • • • • •			IN STAT			•••••	• • • • • • •	• • • • • • •	•••••	•••••
FER	. 1	i GE		iF t	GE 5	GE 4		2 1/2	GE 2	GF 1 1/2		GE 1	GE 3/4		GE 1/2	GE 5/16	GE 1/4	GE U
		1 22.		0 • 1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
		1 24.		5.7	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
		24.		5.7	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
		24.		5.7	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
• F	14000	24.	1 79	5.7	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
F ]	15000	24.	3 76	6.6	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78 • 2	76.2	78.2	78.2
·Ε :	Luoue	1 24.	4 71	B . B	87.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	PO.3	80.3	80.3	80.3	80.3
3 (	9000	24.	4 7	9.1	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
, F	ลกบก	1 24.	7 90	1.0	81.2	81.7	81.7	81.7	81.7	81.7	81.7	A1.7	81.7	81.7	81.7	81.7	61.7	81.7
5€	7000	1 24.	7 80	0.3	81.7	A2.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
٠E	6000	25.	0 91	1 - 1	82.7	83.4	83.4	83.4	83.4	83.4	83.4	A3.4	83.4	83.4	83.4	83.4	83.4	83.4
ιĒ	5000	1 25.	2 A:	1.7	83.4	A4.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
ΞĒ		25.		2.7	84.4	P5.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
36	4000	1 25.		3.7	85.3	86.3	86.3	96.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
Ē		25.		4.6	86.3	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
ıΕ	3060	25.	R 8(	6 • 6	88.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	69.5
iΕ	2500	1 25.	R R	B . 4	90.4	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
, F		25.		U . 4	92.5	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
, F.		1 25.		U . 6	93.0	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
ΣĒ		1 25.		1.9	94.4	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
, F		25.		2 - 4	95.0	96.0	96.0	96 • U	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
ι	inur	1 25.	p 2	2.7	95.3	96.3	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
Ē		25.		. 7	95.6	96.6	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
F		25.		3.1	96.3	97.4	98.0	98.D	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
, F		i 25.		5.4	96.6	07.9	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
, F		25.		3.6	97.1	98.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
·E	ton	L 25.	e a	3.7	97.3	98.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
F		1 25.		3.7	97.4	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
·Ε		1 25.		3.7	97.4	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
, E		25.		3.7	97.4	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
, F		25.		3.7	97.4	9+.6	99.7	99.7	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0
. F	r,	1.25.	e 9	3.7	97.4	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100-0	100-0	100-0	100.0	100.0
								,,,,	10000		10010		4.0.74.7					

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TOTAL NUMPER OF UPSERVATIONS:

GLOBAL CLIMATOLOGY FRANCH USAFLTAC AIR WEATHER SERVICE/MAC

# PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

15- 1

	TION N		122265	STATION NAME: MAYMELL AFB AL								MONTH	OF REC	OPD: 75-84 Hours(LST): 1800-2000			
	LING									IN STAT			• • • • • • • •	• • • • • • • •			
t	N I	6E 10	6E 6	GE 5	GF 4	GE 3	GF 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	5E 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	6€ 0
• • •		• • • • • •		• • • • • •	• • • • • • •	• • • • • •		• • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	
NO	CEIL I	24.4	68.2	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	69.5	68.5	68.5	68.5	68.5	68.5
GE	10000	25.4	76 • 1	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
C€	18000	25.4	76 • 1	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
	160001		76.1	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
	140001		76.4	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE	150001	26.0	76.8	77.1	17.5	77.5	17.5	77.5	11.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
6.F	100001	26.3	79.2	79.5	79.8	79.9	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
G F.	9000	25.3	79.9	80.3	80.6	80.6	50.6	80.6	80.6	83.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
G E	8000	26.4	92.U	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GΕ	10001	26.4	A2.3	82.6	83.1	83.1	93.1	83.1	83.1	83-1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE	e000	26.4	83.1	83.4	R3.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	<b>83.9</b>	83.9	83.9	83.9	83.9
GE	scoci	26.4	94.0	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE	4500	26.4	84.5	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
6E	40601	26.5	85.3	85.9	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	96.5	86.5	86.5	86.5	86.5
G F.	35001	26.6	86.5	87.3	67.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GF	30un	27.1	88.3	89.1	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE	2*un1	27.3	H9.6	90.5	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
rs F	2000	27.3	91.5	92.4	93.1	93.3	93.3	93.3	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
6 t	16901	27.3	92.3	93.3	74.U	94.2	94.2	94.7	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
SF	1.004		73.4	94.7	95.4	95.6	95.6	95.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
G f	15001	27.3	94.0	95.4	96.1	96.3	96.3	96.3	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
G.E.	10001	21.3	95.1	96.5	97.4	47.6	97.6	97.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
() E	900	27.3	75.4	96.9	97.7	98 - 1	28.1	99.1	98.2	94.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
ر, ۲	800	27.3	95.4	96.9	97.8	94.2	98.2	94.7	98.3	98.4	98.5	99.5	98.5	98.5	98.5	98.5	98.5
υF		27.3	95.4	96.9	97.8	99.2	98.2	99.7	98.3	98.4	98.5	98.5	98.5	99.5	98.5	98.5	98.5
30	enu1	27.3	95.6	97.1	78.1	99.7	78.7	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GF	e an t	27.3	95.8	97.6	98.6	99.2	79.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
t, f	«Un i	27.3	95.B	97.6	96.7	99.4	99.4	99.7	99.8	99.9	170.0	100.0	100.0	100.0	100.0	100.0	100.0
۴ را	30 n l	27.3	95 . B	97.6	78.7	97.4	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6.5	2001	27.3	95.8	97.6	98.7	99.4	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6.5	1071	21.1	95.8	97.6	98.7	99.4	99.4	99.7	99.8	99.9	190.0	100.0	100.0	100.0	100.0	100.0	100.0
6E	71	27.3	25.4	97.6	78.1	99.4	99.4	99.7	99.8	y9.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

SLOHAL CLIMATOLOGY RRANCH-USAFETAC AIR WEATHER SERVICE/MAC

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### PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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Chart.

STATION NUMMER: 722265 STATION NAME: MAXNELL AFR AL

PERIOD OF RECORD: 75-84 VISIBILITY IN STATUTE MILES MONTH: OCT HOURS(LST): 1500-1700 CFILING 6F IN FLET 1 3E 1 10 GE GE GE GF 3 2 1/2 GE GE GE 2 1 1/2 1 1/4 GE GE 1 1/4 ō 3/4 5/8 1/2 5/16 NO CETE | 28.2 63.0 63.0 63.C 63.0 63.0 63.0 63.0 63.0 63.D 63.0 63.0 63.0 63.0 63.0 63.0 GE 200001 29.8 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.7 75.7 75.5 75.5 75.5 GE 160001 29.9 75.7 GE 140001 29.9 75.7 75.7 75.7 75.7 GE 120001 30.1 76.6 76.6 76.6 76.6 76.6 76.6 76.6 76.6 76.6 76.6 76.6 76.6 76.6 76.6 65 100001 30.7 65 90001 30.7 79.9 79.9 90.5 79.9 79.9 79.9 79.9 79.9 79.9 80.5 79.9 79.9 79.9 80.5 79.9 79.9 80.5 80.5 80.5 80.5 80.5 80.5 80.5 80.5 80.5 80.5 80.5 80.5 8000| 31.0 7000| 31.0 82.4 83.2 82.5 83.3 82.5 83.3 82.5 83.3 82.5 83.3 82.5 83.3 82.5 83.3 82.5 83.3 R2.5 R3.3 82.5 83.3 82.5 83.3 82.5 83.3 82.5 83.3 87.5 82.5 83.3 υE 60001 31.2 84.4 84.5 5000| 31.3 4500| 31.3 85.4 86.1 85.4 GE 85.3 85.4 85.4 85.4 85.4 **65.4** 85.4 85.4 85.4 86.1 87.5 89.1 86.1 87.5 89.2 GE 96.D 86.1 86.1 86.1 86.1 86.1 86.1 86.1 **86.1** 86.1 86.1 4000| 31.3 3500| 31.3 87.4 94.0 97.5 89.1 87.5 89.1 97.5 89.1 87.5 89.1 87.5 87.5 89.2 87.5 89.2 87.5 89.1 89.2 89.1 89.2 89.2 30001 31.3 91.3 91.3 92.1 94.3 92.1 94.3 94.6 92.2 94.4 94.7 92.2 S.F 2500| 31.3 2000| 31.5 91.9 92.0 92.1 94.3 92.2 92.2 92.2 94.4 92.2 94.4 94.7 94.3 94.1 94.1 94.3 94.4 18001 31.5 94.4 94.6 94.7 94.7 GF. 94.6 94.5 94.6 94.7 94.7 94.7 ٦. 15001 31.5 95.3 95.6 95.8 96.0 96.0 96.0 96.0 96.0 96.1 96.1 96.1 96.1 96.4 97.3 97.6 97.7 97.7 97.8 97.8 97.7 10001 31.5 97.0 97.8 98.0 98.2 98.4 98.4 98.5 98.4 98.5 98.5 98.5 98.6 G E 98.3 94.5 98.5 98.5 98.5 98.5 97.1 98.4 98.5 G.F 9001 31.5 98.1 98.4 99.5 98.6 98.6 98.6 98.6 PUN | 31.5 99.3 (, E 98.0 98.6 98.7 98.7 98.7 98.7 98.8 98.8 98.8 98.8 98.9 98.8 98.8 98.9 98.8 98.9 7UN 31.5 97.1 60ml 31.5 5 E 98.1 98.4 9 F . R GR. 0 00.N 99.0 99.0 99.0 99.7 5001 31.5 4001 31.5 97.4 98.6 98.9 98.9 99.2 99.4 99.5 99.6 99.5 99.5 99.7 99.7 99.7 99.7 99.7 99.7 98.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 3601 31.5 2001 31.5 97.4 98.6 99.2 (. F 98.9 99.5 99.6 99.7 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 98.9 99.5 99.6 99.7 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1001 31.5 ≯R.6 28.9 99.2 100.0 100.0 100.0 100.0 01 31.5 99.7 100.0 100.0 100.0 100.0 100.0 100.0

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TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

(P)

PERIOD OF RECORD: 75-84 STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL MONTH: OCT HOURS(LST): 1200-1400 CEILING VISIBILITY IN STATUTE MILES GE GE OE 2 1 1/4 IN FEET 6 6 GE GE 3 2 1/2 GE 1 GF GE GF GE U 3/4 5/8 1/2 5/16 NO CETE 1 24.2 60.9 61.3 61.4 61.4 61.4 61.4 61.4 61.4 61.4 61.4 61.4 GE 20000| 25.7 GE 18000| 25.7 71.8 72.0 72.0 72.1 72.0 72.1 72.0 72.1 72.0 72.1 72.0 72.0 72.0 72.0 72.0 72.1 72.0 72.1 72.0 72.1 72.0 72.1 72.0 72.1 71.6 72.1 72.1 GE 160001 25.7 72.1 72.3, 72 · 1 72 · 3 72.1 72.3 72.1 72.3 72.1 72.3 72.1 72.3 72.C 72.1 72.3 72.1 72.1 GE 140001 25.8 72.3 72.3 72.3 71.8 12.2 72.3 72.3 120001 73.1 73.1 73.1 73.1 76.6 71.2 79.1 79.6 SE 100001 26.0 76.2 76.6 77.2 79.1 76.5 76.6 76.6 77.2 76.6 77.2 76.6 77.2 76.6 76.6 76.6 76.6 76.6 76.6 76.6 76.8 78.5 77.1 78.9 79.4 77.2 77.2 77.2 79.1 90001 26.0 77.2 77.2 77.2 77.2 77.2 79.1 79.6 80001 26.1 79.1 79.1 79.1 79.1 79.1 79.1 79.1 79.1 79.1 79.6 70001 26.1 79.1 79.6 79.6 79.6 79.6 79.6 79.6 60001 26.1 40.6 80.8 80.8 80.8 80.8 80.3 80.8 80.8 80.8 8.08 80.8 80.8 80.8 80.8 80.8 50001 26.3 45001 26.8 81.3 82.5 81.6 82.7 81.6 82.7 81.6 82.7 81.6 R1.6 82.7 81.6 62.7 81.6 82.7 81.6 R1.6 R2.7 81.6 82.7 #1.6 #2.7 81.6 82.7 81.6 82.7 81.0 6 E 40001 26.8 83.I 83.4 A3.6 83.6 84.7 83.6 84.7 83.7 83.7 84.8 83.7 83.7 84.8 83.7 84.8 83.7 84.8 83.7 83.7 84.8 83.7 83.7 35001 26.8 GE 30001 26.9 97.2 87.6 R7.8 87.9 87.8 87.9 87.9 87.9 87.9 87.9 87.9 87.9 87.9 87.9 87.9 25un| 26.9 2000| 27.1 88.6 90.1 89.0 90.6 89.2 91.0 89.2 91.0 89.2 91.0 89.3 89.3 89.3 91.2 89.3 91.2 89.3 91.2 A9.3 91.2 89.3 91.2 89.3 91.2 89.3 91.2 89.3 91.2 GE 6 E 1800| 27.2 1500| 27.2 91.8 91.8 93.9 91.8 91.9 94.0 91.9 91) - 8 91.4 91.9 91.9 91.9 91.9 91.9 91.9 91.9 93.4 92.8 94.1 94.1 94.1 94.1 94 . I 94.1 94.1 94.1 1000| 27.3 97.5 98.3 98.2 98.0 GF 27.3 29.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 96.3 94.6 98.7 99.0 e001 27.3 7001 27.3 01,.4 97.4 99.1 99.5 99.5 99.5 99.5 99.5 99.5 98.4 99.9 99.5 99.5 99.8 99.8 GE 76.4 97.6 98.6 99.1 99.5 99.7 99.8 99.8 99.8 99.8 99.8 99.8 €U01 27.3 99.1 GE 76.4 97.6 98.6 99.5 99.8 99.9 99.9 99.9 99.9 99.9 50nf 27.3 99.9 100.0 96.4 97.6 98.7 99.2 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 4001 27.3 3001 27.3 96.4 98.7 97.6 99.2 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 97.6 99.2 99.6 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.D 79.6 2001 27.3 96.4 98.7 99.2 99.9 100.0 100.0 100.0 100.0 100.0 1001 27.3 96.4 77.6 98.7 99.2 29.6 100.0 100.0 190.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 01 27.3 96.4 77.6 28.7 99.2 99.6 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF ORSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

3

STATION NUMPER: 722765 STATION NAME: MAXWELL AFB AL PERIOD OF RECORD: 75-84 MONTH: DEC HOURS(LST): 1800-2000 EILLING VISIBILITY IN STATUTE MILES IN | SE FEET | ID GE GE 3 2 1/2 GE GF GE 2 1 1/2 1 1/4 GE 1 GF GE 3/4 5/16 1/2 6 5/8 1/4 NO CETE 1 27.8 59.3 6: 20nunt 28.9 62.8 63.U 63.0 63.0 63.0 63.0 63.0 63.0 63.0 63.0 63.0 63.0 63.0 63.0 63.0 63.5 63.5 63.5 63.5 63.5 63.5 63.5 63. GF 180001 29.3 63.3 63.5 63.5 63.5 63.5 63.5 63.5 160001 29.7 63.7 63.9 63.9 63.9 63.9 63.9 63.9 63.9 64.9 68.1 140001 29.7 64.8 64.9 64.9 64.9 64.9 64.9 64.9 67.9 120001 30.1 68.1 68.1 68.1 68.1 68.1 69.1 69.1 68.1 69.1 68.1 68.1 68.1 68. GE 100001 39.8 69.8 70.1 70.1 70.1 70.1 70.1 70.1 70.1 70 - 1 77.1 70.2 70.1 70.1 70.1 70.1 70.1 90001 30-A 69.9 70.2 70.2 70.2 70.2 70.2 70.2 70.2 70.2 70.2 70.2 70. 8000| 30.8 71.2 71.5 72.4 71.5 72.4 71.5 72.4 71.5 72.4 71.5 71.5 (2.4 71.5 72.4 71.5 72.4 71.5 72.4 71.5 72.4 71.5 GE 71.5 71.5 71.5 70001 30.8 6 E 60U01 30.8 72.2 72.7 72.1 72.7 72.7 72.7 72.7 72.7 72.7 72.7 72.7 72.7 72.7 72.7 72. 74.5 75.6 77.1 79.9 74.5 75.6 77.1 74.5 75.6 74.5 75.6 74.5 75.6 74.5 75.6 74.5 75.6 74.5 75.6 74.5 75.6 74.5 75.6 74.5 75.6 ( , F 50001 31.1 74.0 74.5 74.5 74 .! 75 . ( GΕ 4500| 31.6 75.1 75.6 75.6 40001 32.3 77.1 77.1 79.9 G E 76.6 77.1 77.1 77.1 77.1 77.1 77.1 77.1 77.1 77.1 77.1 35001 79.3 G F 79.9 79.9 79.9 79.9 79.9 79.5 79.9 79.9 79.9 79.9 79.9 's F 30001 33.2 81.5 82.0 82.1 25001 33.4 84.2 88.7 84.2 88.7 6 E 82.8 84 • 2 88 • 7 84.2 84.2 88.7 84.2 88.7 20001 34.3 96.7 87.8 88.2 88.7 88.7 88.7 88.7 88.7 88.7 88. 1800| 34.5 1500| 34.7 37:7 89.4 88.9 90.9 A9.2 89.9 92.2 89.9 92.2 89.9 89.9 89.9 89.9 92.2 89.9 89.9 89.9 89.9 89.9 89.5 () F 92.2 92.2 92.2 92.2 12001 34.7 93.3 93.3 93.3 93.3 93. 98.7 91.1 91.5 93.1 94.0 94.( 94.( 94.0 94.0 94.9 94.0 94.0 94.0 94.0 94.0 94.9 94.0 94.0 94.0 G F ouni 34.7 93.1 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 93.5 PURT 34-7 94.6 95.6 95.6 ЬE 95.6 95.6 95.6 95.6 95.6 95.6 95.6 95.0 91.7 94.9 96.6 C.F 7001 34.7 93.8 96.6 96.6 G.F 94.C 97.U 97.0 97.2 97.2 97.2 5001 34.7 75.6 95.9 97.7 99.1 97.7 98.2 98.4 99.2 98.4 99.2 98.4 99.5 98.4 99.5 98.4 99.5 98.4 99.5 98.4 99.5 98.1 G.F 92.2 94.5 97.7 98.4 4001 34.7 3001 34.7 ΰĒ 92.9 98.2 99.5 92.4 92.4 94.4 95.9 98.2 98.2 98.7 99.2 GE 99.1 99.2 79.5 99.5 99.5 99.5 99.5 99.5 99. 98.1 2001 34.7 99.6 99.6 99.4 99.6 99.6 99.6 99.4 99.6 98.2 ( F 1001 34.7 92.4 94.6 25.9 78.1 99.4 61 n| 34.7 92.4 95.9 99.6 99.6 100.0

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TOTAL NUMBER OF OBSERVATIONS: 772

GLOHAL CLIMATOLOGY GRANCH USAFETAC AIR WEATHER SERVICE/MAC

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

The Contract of the Contract o

STATION NUMBER: 722765 STATION NAME: MAXWELL AFB AL PERIOD OF PECORD: 75-84 MONTH: DEC HOURS(LST): 2100-2300 CEILING VISIBILITY IN STATUTE MILES GE 5 IN I FEET I SE SF SE 2 1 1/2 1 1/4 SE G.E GE GÉ υ£ () F GΕ GE GE GΕ 3 2 1/2 10 3/4 1/2 5/16 1/4 NO CEIL 1 27.3 60.4 69.7 61.1 61.2 61.2 61.2 61.2 61.2 61.2 61.2 61.2 61.4 61.4 61.4 61.4 GE 2UPBD | [4.8 63.6 63.9 64.3 64.4 64.4 64.4 64.4 64.4 64.4 64.4 64.5 GE 160UN 29.8 64.0 64.5 64.5 64.4 64.5 64.5 64.5 64.5 64.7 64.7 64.7 5E 160001 29.9 5E 140001 29.2 64.7 63.9 64.1 64.5 64.7 64.7 64.7 64.7 64.7 64.7 64.7 64.8 64.4 64.7 65.2 65.3 65.3 65.3 65.3 65.3 65.3 65.3 65.4 65.4 65.4 65.4 GF 120001 29.6 69.2 69.5 70.4 68.2 68.5 70.4 6E 100001 29.7 65.2 68.5 68.2 68.5 68.2 68.2 68.5 68.1 68.2 68.5 68.2 68.3 68.3 68.3 68.3 9nun| 29.7 67.8 68.5 БΕ 67.5 66.3 68.6 68.6 68.6 68.6 80unl 22.8 70.4 73.4 69.4 69.8 70.3 70.4 70.4 70.4 70.6 70.4 70.6 70.6 70.6 70001 30.0 70.3 70.7 71.2 71.4 71.4 71.4 71.4 71.4 71.4 71.4 71.4 71.5 71.5 60001 30.0 70.8 71.5 71.5 71.5 71.5 70.4 71.5 71.5 71.5 71.5 71.6 71.6 71.6 71.6 73.3 74.9 50001 30.5 45001 30.9 73.2 74.8 72.0 72.5 74.1 73.1 73.2 73.2 74.8 73.2 74.8 73.2 74.8 73.3 74.9 73.3 74.9 73.3 74.9 G F 73.2 73.2 73.2 GE 75.6 74.8 40001 71.1 74.9 75.4 76.1 76.1 78.2 76.1 78.2 76 • 1 78 • 2 76 • 1 78 • 2 76.1 78.2 76.2 78.3 ωŧ 76.U 76.1 76.1 76.2 76.2 76.2 35001 31.7 77.0 77.5 78.3 G F 3nunl 32.2 77.8 80.3 AC.8 80.9 80.9 80.9 80.9 80.9 80.9 80.9 80.9 81.1 91.1 81.1 81.1 ۱, ۶ 25001 32.5 81.3 82.1 RZ.8 R5.9 82.9 82.9 82.9 86.1 82.9 87.9 82.9 87.9 82.9 86.1 8 T. O R3.0 83.0 83.0 5 0 20001 32.9 84.4 86.1 86.1 86.1 86.1 86.1 86.1 96.2 86.2 86.2 86.2 18001 33.2 15001 33.2 86.1 87.9 86.9 89.2 86.9 89.2 86.9 6,5 95.2 86.7 86.9 86.9 86.9 96.9 86.9 87.0 87.0 87.0 87.0 86.9 8.8 A 89.2 89.2 89.2 89.2 89.2 89.4 89.4 89.4 96.4 12001 33.2 88.0 89.2 90.8 90.8 90.9 90.9 90.9 10001 48.7 89.8 90.0 92.5 Juni 31.2 2001 33.2 92.5 92.6 95.0 97.6 92.8 92.8 f<sub>3</sub> F 91.5 95.0 95.1 93.6 94.6 95.0 95.0 95.0 95.1 95.1 95.1 8001 33.2 7001 33.2 91.9 96.2 90.1 95.7 95.9 96.1 96.1 96.1 96.1 96.1 96.2 96.2 96.2 90.5 95.0 96.5 96.7 96.8 96.8 96.8 96.8 96.8 96.8 97.0 27.0 97.0 97.0 (, F 97.6 97.6 97.8 97.8 90.7 93.0 97.6 97.9 98.8 98.8 94.8 98.9 99.3 98.9 99.3 98.2 96.8 94.8 98.9 98.9 93.0 75.8 75.8 99.2 99.2 99.2 G.E. 4001 33.2 90.7 97.8 96.0 98.4 99.2 99.2 99.3 3001 33.2 98.0 (, E 20.1 97.8 98.6 99.3 99.3 99.5 99.5 99.5 90.5 1 . F 2001 20.7 93.0 95.0 97.8 78.2 98.7 99.5 99.5 99.5 99.5 99.5 93.0 1001 90.7 95.8 97.8 78.2 98.7 99.5 49.5 99.5 79.5 99.5 99.9 94.9 99.9 100.0 n1 33.2 GF 20.7 93.0 25.0 97.9 98... 99.7 99.5 99.5 29.5 99.5 99.5 99.9 99.9 99.9 100.0

TOTAL NUMBER OF OBSERVATIONS: 761

#### SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover and total number of observations. It is presented by month and available 3-hour groups.

NOTES: 1. Some sources of punched data used for this summary report cloud amounts in eights. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in eights. The manner of conversion is given below:

EIGHTS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscure	d) 10

2. For Airways stations the symbols of clear, scattered, broken, overcast, and obscured were used as input for the total sky cover.

Clear was converted to 0/10 Scattered was converted to 3/10 Broken was converted to 9/10 Overcast was converted to 10/10 Obscured was converted to 10/10

STURAL CLIMATOLOGY BRANCH UDAFETAC ATH WEATHER SERVICE/MAC

**SKY COVER** 

722265 MAXWELL AFB AL STATION NAME

76-85

JAN

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUEN	CY OF TENT	S OF TOTA	L SKY COVER	!			MEAN TENTHS OF	TOTAL NO LOF
	(L S T.)	0	1	2	3	4	5	6	7	8	9	10	SK+ , C/VEP +	
JAN	20-02						ļ	<u> </u>		-	ļ	<del></del>		
	73-05						<u> </u>		ļ	<u> </u>	<u> </u>		ļ	
	06-08	21.1			17.9					ļ	15.6	45.5	6.5	78
	09-11	15.0			22.1			ļ			16.9	46.0	6.8	88
	12-14	14.4			24.5		<u> </u>			-	21.5	39.7	6.6	89
	15-17	16.5			23.7		ļ			ļ	21.5	38.3	6.5	8.6
	18-20	26.0			21.7						13.7	38.6	5.7	88
<del></del>	21-23	33.9			15.6						12.1	38.5	5.4	87
										-	<del> </del>			
	<u> </u>		<del></del>	ļ	+	<del></del>			ļ					
101	TALS	21.1		<u></u>	25.9		<u> </u>	<u> </u>	<u> </u>		16.9	41.1	6.3	520

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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SECRAL CLIMATOLOGY RRANCH USAFETAC AT WEATHER SERVICE/MAC

**SKY COVER** 

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122265 MAXWELL AFB AL
station s STATION NAME 76-85

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY C "ER HOURS \$ 10 % EE MONTH 4 5 FEH 20-02 03-05 36-08 18.8 21.3 27.6 39.3 6.4 759 20.9 37.7 6.3 09-11 19-1 22.3 843 24.4 33.5 12-14 15.5 26.3 844 15-17 | 15.0 30.6 22.6 31.8 644 18-20 22.6 28.1 18.5 30.9 5.6 837 5.1 21-23 34.2 18.4 16.1 31.2 836 20.5 34.1 6.0 4963 24.3 24.5

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. USAFETAC

DELTAE CLIMATOLOGY BRANCH DELECTAC ATH WEATHER SERVICE/MAC

**SKY COVER** 

722265 MAXWELL AFB AL STATION NAME

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			<del></del>	PERCENTAGE	FREQUENC	Y OF TENT	HS OF TOTAL	SKY COVER				MEAN.	1014; NO OF
	(LST)	0	1	2	3	4	5	6	7	. 8	9	10	58 + 24   8 + = = = = .	14
MAR	00-02				1								<u>-</u> – – .	
	03-05		<del></del>									<u> </u>		
	36-08	18.1			19.8						21.9	40.1	6.6	86
	09-11	16.3			20.9					Í	24.6	38.2	6.7	93
	12-14	13.9			21.4						29.5	35.4	6.9	93
	15-17	10.9			23.9			-	-		28.6	36.7	7.0	93
	13-20	17.2			24.4			<u> </u>			24.4	33.0	6.3	92
	21-23	30.9		-	25.1			ļ			15.0	33.9	5.3	86
				-										
					-			ļ						
				-	<u> </u>			<del> </del>			-	ļ		
	<u> </u>													
10	TALS	17.9			21.8						24.0	36.4	6.5	544

USAFETAC JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SLORAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

**SKY COVER** 

722255 MAXWELL AFB AL

STATION NAME

PER-OD

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	CY OF TENT	HS OF TOTAL	SKY COVER				MEAN	rora. No de
MONTH		0	1	2	3	4	5	6	7	8	9	10	- TENTHS OF - 181 - 131ER 	- 3+: 
₹ P H	00-02						ļ				-	ļ		
	03-05										ļ			
	76-08	20.4			21.0			ļ			24.7	33.7	6.2	84
	39-11	18.7			25.4						27.8	28.6	6.1	89
	12-14	14.6			28.0						29.1	29.3	6.3	9 2
	15-17	13.3			28.6						27.8	30.3	6.4	90
	18-20	22.2			25.5						27.8	29.4	5.9	8.8
	21-23	35.1			20.2			<u> </u>			13.2	31.4	4.9	77
											1			
10	TALS	20.6			24.8	<del></del>					24.2	30.4	6.0	520

USAFETAC JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SLUTAL CLIMATOLOG PRANCH USAFETAC ALK WEATHER SERVICE/MAC

**SKY COVER** 

722265 MAXWELL AFB AL VALUE AFB

75-84

PERIOD

MAY

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	i H⊙URS LST:				PERCENTAGE	FREQUENC	Y OF TENT	IS OF TOTA	L SKY COVER				MEAN TENTHS OF	*0*45 NO OF
	L S T +	, , , ,	1 .		3	4	5	6	7	8	9	10	2K4 (0712	C#5
MAY	00-02			•										
	03-05	13.9			29.6					<u> </u>	25.5	31.0	6.3	21
	76-38	19.1		-	23.4						25.6	31.9	6.2	92
	29-11	14.7			32.5				ļ		27.2	26.3	6.1	93
	12-14	5.3			39,4						37.1	23.2	6.5	93
	15-17	5.3			40.0						30.5	23.7	6.3	93
	18-25	14.9			35.5						25.2	24.5	5.9	91
	21-23	35.3	<del></del>		26.7						16.0	21.9	4.4	60
			<del></del>								-	· <del>-</del> · · · ·		
to	TALS	15.5			32.3						26.2	26.1	5.7	545

USAFETAC FORM 101 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GELMAN CLIMATOLOGY PRANCH USAFETAC ATH WEATHER SERVICE/MAC

**SKY COVER** 

122255 STATION MAXWELL AFB AL STATION NAME

75-84

PER OD

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENT	HS OF TOTAL	L SKY COVER				MEAN .	*014L NO OF
	(t.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SET COVER	1.P.
JUN	70-02									<u> </u>	1		ļ	
	03-05	10.9			42.7						24.4	22.1	5.7	21
	06-88	17.6			35.3						20.1	19.0	5.5	88
	09-11	11.5			44.2						31.5	12.8	5.4	89
	12-14	7.6			51.3						34.1	12.0	5.8	89
	15-17	4.6			51.1						29.2	16.2	5.7	89
	18-20	14.9			40.0						24.9	20.2	5.5	89
	21-23	35.2			28.5						21.5	14.8	4.3	59
									.,.					
												-		
10	TALS	13.9			41.9						27.5	16.7	5.4	525

USAFETAC JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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SECHAL CLIMATOLOGY SHANCH DEAFLTAC ATH WEATHER SERVICE/MAC

**SKY COVER** 

75-84

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## PERCENTAGE FREQUENCY OF OCCURRENCE [FROM HOURLY OBSERVATIONS]

MONTH	HOURS				PERCENTAG	E FREQUENC	CY OF TENT	HS OF TOTAL	L SKY COVER				WEAN	. D. V!
MONTH .	(L.S.T.)	0	1	2	3	4	5	6	7		9	10	74 - 11 - 15 P	40 OF
JUL	06-02			· 				· •		:	· · · · · · · · · · · · · · · · · · ·	•		
	03-05	9.4		 <del> </del> -	40.5			·	<u> </u>		. 27.0	24.2	6.1	21
	26-08	14.4			32.3			•	•	·	27.3	26.0	6.0	91
	29-11	10.3		ļ	36.2			·	! <del> </del>	i 	32.3	19.2	<u> </u>	92
	12-14	1.3			44.5						37.9	16.3	5.4	92
	15-17	1.9		 <del> </del>	40.0				<del> </del>		33.2	24.1	6.6	91
	14-20	7.8			32.3					 	29.4	31.9	6.7	90
	21-23	21.9			31.2						21.8	25.1	5.4	60
	ļ 													
	<del>                                     </del>										<del>  -</del>			
	<del> </del>										<del> </del>		ļ	
10,	TALS	9.4	<del></del>		37.1						29.7	23.8	6.2	5 <b>4.</b>

USAFETAC JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DELITAL CLIMATOLOGY SRANCH USAFETAC AIR WEATHER SERVICE/MAC

**SKY COVER** 

722265 MAXWELL AFB AL

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	j HOURS				PERCENTAGE	FREQUEN	CY OF TENTH	IS OF TOTA	L SKY COVER				VEAN	1,014,
MONTH	[ (L S T.)	0	1	2	3	4	5	6	7	8	9		* TENTHS OF	NO OF
AU5	00-02							<u> </u>					: 	
	03-05	13.9	,		46.7					<u> </u>	21.0	18.5	5.1	210
	36-68	18.1			36.5			j 		!	27.9	21.5	5.4	934
	09-11	11.0			46.8						29.1	12.2	5.2	918
	12-14	٠,٩			52.4						36.4	10.4	5.9	929
	15-17	2.0			46.7						32.2	19.1	6.2	928
	18-20	11.8	<u>-</u>		35.7						34.1	18.4	6.0	922
	21-23	27.0			36.2						20.7	16.1	4.6	614
											-			
						·								
to	TALS	12.2			43.0						28.2	16.6	5.5	5425

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. USAFETAC

SEC AL CLIMATOLOGY SRANCH AT MEATHER SERVICE/MAC

**SKY COVER** 

722255 MAXWELL AFB AL STATION NAME

- - 3<u>E P</u>. . . . . .

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	i HOURS				PERCENTAGE	FREQUEN	CY OF TENT	HS OF TOTA	L SKY COVER				TENTHS OF	* ? * A *
	L S T.I	0	1	2	3	4	5	6	7	8	9	10		- NO - OF
SEP	00-02							-		<u> </u>	:	<u>i</u>	<u>:</u>	· - <u></u>
	33-05	26.3			32.2						19.3	23.6	5.0	20
	06-08	19.4			32.3			-		-	20.2	29.2	5.6	89
	39-11	15.4			37.0						23.4	24.1	5.6	90
	12-14	4.4		_	41.8						32.7	21.1	6.3	901
	15-17	6.9			46.9						30.0	22.2	6.1	93(
	1 5 - 20	21.1			32.9				ļ		23.9	22.2	5.4	89
	21-23	36.2			25.7						19.0	18.2	4.4	599
	<u> </u>													
	-		-							<u> </u>	<del></del>			
	1												<del> </del>	
10	TALS	18.5			34.7				<u> </u>		24.1	22.5	5.5	529

 $\frac{\text{FORM}}{\text{JUL 64}} = 0.9.5$  (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SEUPAL CLIMATOLOGY BRANCH UNAFETAC ATH WEATHER SERVICE/MAC

**SKY COVER** 

722265 MAXWELL AFB AL

75-84

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUEN	CY OF TENT	HS OF TOTAL	L SKY COVER				· VEAN	10144, NO 65
	(L S T )	0	1	2	3	4	5	6	7	8	9	10	100	
GCT	<u> </u>		<del></del>	ļ								i +	Ĺ	<b>-</b>
	03-05	41.5			21.8						15.0	21.9	4.2	19
	De-36	25, . 4			31.3			ļ		<u> </u>	19.2	25.0	5.1	908
	09-11	26.6			31.1		ļ i	<u> </u> 			19.6	22.7	5.7	92
	12-14	20.4			37.4			i			22.1	20.1	5.1	92
	15-17	22.5			34.1		i		ļ 		25.0	18.3	5.1	92
	19-20	35.0			4		!				16.1	19.6	4.3	92
<u></u>	21-23	49.1			22.5		<u> </u>		-	-	10.7	19.3	3.5	62
	· -													
τo	TALS	31.5			29.4						10.1	21.0	ła •	542

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SECHAL CLIMATOLOGY HANCH CHAFETAC AIR WEATHER SERVICE/MAC

**SKY COVER** 

7 22265 MAXWELL ATE AL SAMON NAME

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#### PERCENTAGE FREQUENCY OF OCCURPENCE (FROM HOURLY OBSERVATIONS)

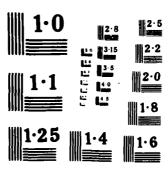
MONTH	HOURS				PERCENTAG	E FREQUENC	4 OF "17"	y President	i ee saas	۹			MEAN.	e es.
	· -: L S T :	0	1 .	2	3	4	· · · · · · · ·	. *		8 -	9	10	. =	-
N 0 V	30-02								•			•		
	33-05				ļ <u>.</u> .	<del></del>					•	•.		
	<u> 36-98</u>	21.4			23.2						19.9	. 35 <u>- 5</u>	<b>6.</b> •	79
	.19-11	21.3			23.1	· <del></del>					27.4	_33•1	6.• 15 .	89
÷ .	12-14	10.9			26.2				<u> </u>		21.5	31.4	. <u>6.^</u> .	80
<del>-</del>	15-17	18.4			28.4				: 	+	24.1	29.1	+-5.9	8.9
	120	33.4			19.7			<u> </u>	 	<del></del>	16.5	30.3	. <u>. 5 • 1</u> .	89
	21-23	42.2			1 . 4			ļ 	<u> </u>	+	17.9	29.6	<u>. 4.5</u> .	89
	·	   <del>-</del>			 <del> </del> -				·			•	· 	
	•	· 		<del>-</del> -			L		<u> </u>	<del>.,</del>		<b>-</b>		
	<b>+</b>	-			ļ		<u> </u>		<u> </u>	+			··	
							<u> </u>		ļ	<b>+</b>			<del>+</del>	=
10	TALS	25.7			22.7			<u></u>	·	<u> </u>	20.0	31.3	5.6	527

FORM JUL 64 -0.9.5 (OL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A159 603

MAXWELL AFB ALABAMA LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCS...(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A... JUN 85
UNCLASSIFIED USAFETAC/DS-85/025

F/G 4/2 3/4



ULDEAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

**SKY COVER** 

722765 STATION

MAXWELL AFB AL

STATION NAME

75-84

PERIOD

DEC

MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGI	FREQUENC	CY OF TENT	HS OF TOTAL	L SKY COVER				MEAN TENTHS OF	TOTAL NO OF
	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SK+ COVER	CBS
DEC	00-02													
	93-05													
	06-08	18.5			24.8						27.7	35.9	6.2	68
	39-11	19.5			22.8						23.9	33.8	6.2	84
	12-14	16.1	_		26.6						27.8	29.4	6.2	83
	15-17	15.8			27.5						28.9	27.8	6.2	81
,	18-20	30.2			25.5						15.3	29.0	5.0	77
	21-23	38.6		ļ	21.0						12.5	27.9	4.5	76
				ļ										
			_		ļ <u> </u>			-						
											ļ			
								-			ļ			
10	TALS	23.1			24.7						21.5	30.6	5.7	471

USAFETAC JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

#### PSYCHROMETRIC SUMMARIES

DADT A

In this section are presented various summaries of dry and wet-bulb temperatures, dewpoints, and relative humidity. The order and manner of repsentations follows:

- 1. <u>Cumulative percentage frequency of occurrence</u>—Derived from available hourly observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths, of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
  - a. Daily HIGH temperatures (for available observations)
  - b. Daily LOW temperatures (for available observations)
  - c. Daily mean temperatures (high + low temperatures divided by two)
- 2. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and available 3-hour groups with all years combined. The following information is provided:
- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations which contain both dry-bulb and wet-bulb temperatures; and dry-bulb, wet-bulb, and devpoint temperatures separately. Total observations for these four items are also provided in two lines at the end of each table.
- NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.
- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (XX), sums of values (XX), means (X), and standard deviations (X). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dewpoint temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

Continued on Reverse

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- 3. Means and standard deviations—These tabulations are derived from available hourly observations and present the mean, standard deviation, and total number of observations for the 3-hour groups, by month and annual and again at the bottom for all hours combine. Summaries for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, AND DEWPOINT TEMPERATURE.
- 4. Cumulative percentage frequency of occurrence of relative humidity—This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10 percent classes, plus the mean relative humidity and total number of observations presented by month and available 3-hour groups.

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SECHAL CLIMATOLOGY HARNOH
USAFETAC
AIL ASATHER SERVICE/MAC
772265 MAXWELL AFB AL
STATION NAME

#### **DAILY TEMPERATURES**

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MUNIXAM

TEMP (*F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	oct	NOV	DEC	ANNUAL
131			•	•			1						
100	*					1.5.	3.1.	. 2.5.	4.				
Ф.C.					. 2.3.	19.4	25.0.	17.9.	7.2.	• 2			. Cai
7:3	_	_		. 9	20.2	58.5	66.4	52.9	35.2	4.9			2
9.5			2.7	16.1	50.7	85.1	92.7	91.9	68.3	16.1			35.
80		7 1.8	14.8	42.9	78.1	97.2	93.2	95.3	35.7	46.7	6.45	1.7	48.
7.5	٠,	9 9.7	31.6	65.3	51.9	99.6	29.8	100.0	74.1	67.6		8.1	58.
73	15.	7. 22.8		82.2	₹7.4		100.0		98.1.	55.41	43.9	17.5	67.1
65	26.					100.0			99.5	94.7		31.2	
47	41.	•	•		100.0				99.5	94.3		42.6	33.
55	57								193.3.	99.3			
9.5	71.	- •	•			•	. ,			100.0			
45				100.5				•		Taued	. ?d.a		
ų.	33.										99.5		
35	57		99.9		•								99 .
30 30	59		173.0			•					. 99.4		. <u>-99</u>
25	*	9.105.6		•							. 1.9.3.	100.0	99.
د <i>د</i> <b>ر د</b>	•	*	•-								•		. 100.
ं अ	. 100.	ų.	•	•		. ,						. <b>.</b>	166.
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	+												
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	*		<b>+</b>					•					
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	•	+	+		-						<b></b>	<del>  i</del>	·
MEAN	* \$4		2.64	76.9	84.6	90.1	91.2	90.6	86.3	77.8	44 7	59.2	
	* 250	B + - B + 3	- DOA2					4.459		7.322	9.540		75.
5 D	11.32	710.462	9.927										

USAFETAC FORM 0-21-5 (OL A) REVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SE MAL CLIMATOLOSY BRANCH STATETAD ATT WERTHER SERVICEZMAC 172065 MAXWELL AFE AL STATION N MANULL ATE AL NAME

#### **DAILY TEMPERATURES**

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

37-56. 64-85

MULLINIE

TEA	MP (°F)		JAN	FEB	MA	R	APR	MAY	JUN	JUL	AUG.	SEP.	OCT	NOV	DEC	ANNUAL
	8.17	_								2.	1		•1.			
	75						• 1.		15.4	26.8	2445	4.4.	4.			. 5.
	7 :::	_					1.3.	. 13.5.	. 55.4	21.7	36.4	94.2			.3	. 25.
	ج, ۳		• ♦.	. Q	. 3	• 7.,	11.5	48.0.	94.2	99.1	9 t . 3	71.6.	17.6.	2.1.	1.0.	. 37.
	50		4•₽.	3.9	. 13	• 2.	32.8	73.4	97.8	100.3.	. 120.0.	82.6.	34.1.	2.2.	4 . D .	. 47.
	5.5		9.3.	10.4	. 27	, 7,	55.7	89.5				. 9.5 . 7.	55.6.	14.6.	10.1	. 5£.
	5 7	_	16.9.	16.7			75.5		. 190.5.			. 22.2.	. 74.3.	34.2.	18.1.	. 65.
	45		27.5.	33.5	•	• 4.	91.5			, .		<u> 99.8</u> .	89.1.	52 a û .	31.0	74.
	4.5		40.8.	5 2 • 3	. 77	• Q.	97.7	.100.D.		,		. 100 .C.	97.2.	69.2.	48.4	. 92.
	3 €		59.3	71.7		•2.	79.8	,			_		29.1.	36.0.	67.9	. 99.
	3.3		SB.C.	73.5	. 95	• 5.	99.9						.22.49.	90.8.	76.E.	. 92.
	₹0		79.5.	P7.1	. 93	. i .	100.0	. ,					100.0.	96.1.	37.7.	. 25.
	25	_	92.4.	95.4	. 99	.5.								29.2	96.7 .	98.
	20	-	96.6.	99.5	فانا.	<b>.</b> ₽.								99.1.	9.9 . 4	9.9.
	15	_	94.9.	29.8										04.9	100.4.	29.
	י 1	-		130.0	+						<b>.</b>			126.4.		130.
	5	-	99.9.													100.
	រ		100.0								,					100.
		4				•							<b>-</b> - <b>-</b>			
						+			<u> </u>	·						
											F					
					<b>+</b>				<u> </u>		<b></b>			· <b>+</b>	· · · · · · · · · · · · · · · ·	
		+	- +		+ -	+		· 	L			<b>.</b>			<b>-</b>	
		#										· · · · · · · · · · · · · · · · · · ·		· - · - · <b>-</b>	- · .	
					+			 	·		· 					
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		_	4					L				<u> </u>				
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		_			<b>.</b>											
		-			+											
			+		+	🗼							·		<b></b>	
					•											
		*	÷ u= us <b>k</b>												-	
	MEAN		30.3	40.7	4.7	.7	55.3	63.0	70.2	72.9	72.3	67.2	55.6	45.2	40.3	. 55.
	5 D	.1	0.990	9.681	9.7	40	7.667	6.079	4.132	2.657	2.910	5.927	8.667	9.820	9.984	14.86
TOT	AL OBS		1227	1156	1 2	40	1199	1240	1198	1240	1209	1200	1239	1169		

USAFETAC FORM 0-21-5 (OL A)REVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JENAL CLIMATOLOGY CHANCH JEAFETAC AIR WEATHER SERVICE/MAC TRANSPORT MAXWELL AFB STATION NAME

#### **DAILY TEMPERATURES**

 $M \subseteq \Delta \, M$ 

TEMP (OF		JAN	FEB	MAR	APR	MAY	JUN	JUL.	AUG.	SEP	oct	NOV	DEC	ANNUAL
	ر دو						-8.	1.2.					_	
	55 .			_		<u> </u>	13.9.		16-4:	3.2.	2.			44.4
	80				. 7	13.7	62.4.				2.5.			23.
	75	•	•	2.6.	11.1.	47.7.	9.1.6	94.2.	97.6				. 4	36.
	77	1.5	2.1					100.0					2.1	
	5 5	. 7.3.		27.4.		43.7				27.1.				57.
	5	. 15.1	20.0.	45.8.		99.2.		•		99.1.		36.1		66.
	55	24.8				100.0.		•		99.9.				-
	. در د ن													
		43.6.					•			122.2.				93.
	•5 .	. 59.5.			29.8.						99.9.			9₽.
	¥9 .	78.9.			100.0.						Haded.			95.
	35 .	91.0										. 9±•9.		98.
	30 .	_ 9 <b>6.3</b> ,	99.3.	99.9				. ,				. 29.ad.	. 29.2.	99.
	25 .		99.9									99.5.	99.6.	99.
	<u> 2</u> r	99.5	199.0									100.0.	100.6	100.
	15	79.9												100.
	10	100.0												100.
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MEAN	•	47.4	50.8	58.2	66.2	73.6	90.3	82.1	81.6	76.9	66.8	55.9	49.4	65.
S D		16.443		9.120	b.854				3.151		7.209			14.48
TOTAL OBS		1227		1290	1179	1240	1198	1240	1209	1200	1239	1169		1453

USAFETAC FORM 0-21-5 (OL A)REVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JEIMAL CEIMATCLOGY BRANCH USAFETAC AIN WEATHER SERVICE/MAC

#### **EXTREME VALUES**

SAVINUM TEMPERATURE

FROM DAILY OBSERVATIONS

172765 MAXHELL AFR AL STATION NAME

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB	MAR	APR	MAY	אטג.	JUL.	AUG	SEP.	ост.	NOV	D€C	ALL MONTHS
37	*	, u	79*	67	9 ଖ	98	97	96	92	93	17	72	
	74.	. 7.7	94	8.9	24.	. 94	9.5	121	9 6.	01		73	.10
35	75	81	84	8 <b>5</b>	2 ¢	97	100	96	9 4:	9.1	7.6:	75	13
4.2	6.7	7.3	. 82	. EQ	2.2	94	98.	9.7	9 1,	9.7	79.	73.	9
4 ]	7 (1	67	75	. P	96	96	97	97	97	94	7.5	75	9
46.		- +			- +				95,	<u> </u>	81	7 <u>9.,</u>	_
43	79	77	33	93	9.2	99	172	102	93	વ ફ	8.3	78	10
44 #		91	9.0	86	94	102	150	97	95	0.1	3.01	. 14.	.10
4.5	69	8.2	٩ 8	88	96	100	97	97	9 8	₽ Q	0 4	€ 5	13
40		7.7	8.6	89.	91	95_	94	9.5	92	954.	8.3	. 77.	9.
4 7	7 4	72	3.5	€ 8	92	96	96	103	97	a 3	75	75	10
4E _ #		9.2	86	8.8	95	98	9.3	99	<u>9</u>	9.5	93	77.	9
49	8 (1	79	85	9.7	9.≴	94	98	95	92	99	79	7.5	9
5.3	8.1	8.0	9.5	85	9.1	99	9.6	25	<b>94</b>	0.5	84	76	9
51	74	8 0	A 2	8.9	97	98	99	151	99	01	8.0	8.2	13
.52	7 8	78	8 <u>3</u>	8.9	9.5	102	104	150	92	91		75.	<u>_ i</u> a
5.3	76	75	32	89	9 ಚ	99	100	100	97	9.7	79	7 5	13
54	. 7 կ		8.8	89	97	104	100	135	100	96		75	12
55	75	76	8.6	9 d	0.5	93	98	97	96	93	9.3	75	9
55	7.4	3.1	35	58	95	98	97		:		1		
<b>6</b> 4	6.8	6.5	9.1	€ 5	93	98	91	95	95	94	8 0	75	9
65 4	75	77	9.2	٠ ٦	9.5	92	93	94	95	95	. 84	75	9
56	7 1	7 a	9.2	8.8	94	95	175	95	95	2.7	79	76	10
67	71	75	87	٤٩	93	95	91	92	8.9	e.7	84	7 a l	9
ნ ა	71	69	85	8 5	88+	98	100	98	94	8.9	8.2	75	10
. 69	75	78	96	<u> </u>	96	104	103	93	95	_ P7	7	741	
73 "	7 4	72	79	42	95	97	99	94	95	91	76	81	9
71	<u>° 4</u>	30	77	87	95	96	_10Q	9.3	92	01	87	8.3	10
7 ,	79	9.1	8.2	92	8.8	98	97	97	97	ρ 9	8.3	9.0	9
73	7 5	71	86	82	9.9	91	ુ ધ્	34	9.3	91	83	77	
MEAN													
S D										i		1	
OTAL OSS.													

- 4 LAT LEAST ONE WAY LESS THAN 24 OBS)

SELPAL CLIMATOLOGY PRANCH USAFETAC AIR REATHER SERVICE/MAC

#### **EXTREME VALUES**

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

7.2.2.5. MAINFLL AFR AL STATION NAME

AHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR.	APR	MAY	JUN	וטנ	AUG	SEP	ост	NOV	DEC	ALL MONTHS
74	7 3	79	9.64	الا ع	8.9	3.1	93	92	91	۹ 1	8.2	7.5	9
_ <i>1</i> 5 .	1.1	_ 91	<u> </u>	8.9	954.	9 4	9.5.	52-	24.	91	9.2	11.	
76	71	79	۵7	90	95	95	100	96	94	2 B	74	67	10
. 71	5 5	94	9 4	90	95	124	_131	.34.	9	-51	78 <b>*</b>	82.	1.0
7 5	<b>*</b> 69	71	95	9.8	9ψ	102	99	4 <b>7</b>	9 8	o 5	84 4	8.2	10
. <u>7</u> 7	* 71	7 a.	32	8.4		9.7	. 99	9 Sa	94	0.6	7 7 +	7 p.,	9
5.	* 79	8.3	9.4	58	9.1	95	104	100	101.*	ی ه	79*	76	10
_ <del>_3i</del>	* <u>61</u>	7এ	32	<u>£</u> 6	91	131	<u> </u>	25.	94,	- · · · 5.3	79*	7.2.	_16
32	* 77	79	95	ò 3	9 1	94	94	7.7	95	<b>⊘</b> ] ∗		8 4	9
33	* 52	74	3.1	<u>2</u> 3	35	91_	9 <u></u>	101.	57	?.1	304	31.	10
94	* 67	75	84	8.5	9 9	96	97	92	94	a 9	A ⊃ +	8 1 ·	ç
- <u></u>	* 77	77_											
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	=			•			– –					*	
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			<del>-</del> -		+			· · · · †		•		+	
MEAN		76.9	93.6	87.4	92.6	96.8	93.0	95.7	94.7	38.6	90.6		
S. D.	74.4	4.462		2.495	3.069	3.433		3.339		2.915		75.3 3.654	<u>-99.</u> 3.19
TOTAL OBS.	1227	1158	1240	1179	1243	1198	1240	1239	1200	1239	1169	1211	1453

NOTES \* (BASED ON LESS THAN FULL MONTHS)

UL PAL CLIMATOLOSY PRANCH ULAFETAC ALM AFATHER SERVICEZMAC

#### **EXTREME VALUES**

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

7.2.265 MAXHELL ATE AL STATION NAME

YEARS

WHOLE CLOREES FAHRENHEIT

MONTH YEAR	JAN.	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	ALL MONTHS
37	¥		7.0 *	7.9	5 š	67	62	68	5.3	₹ 2	2.3	15	
. 3 2	22	27.	3.2	28	54.	6.3	. <u>. 6 5</u> .	. <u> 6.7.</u>	52		21.	27.	2
₹ →	7.2	26	36	36	4 5	68	73	63	6 3	₹ ₫,	او تر	26	2
4	1 4	24	31	33	4 🛶	<u>. 5</u> 94	_ 54.	. 5.5	4 5	44,	22	7.1	1
41	2.4	2.5	26	45	4 🚽	64	71	6 🖰	60	4.5	3.3	3 0	2
44				<b>-</b>					4 7.	3.5	3 <b>3</b> 4	25.	
43	2.2	2.1	2.0	3 8	5.3	69	54	53	54	7 5	7.0	? 1	2
44	21.	2.5.	3.3 _	7.6	44	62	65	5.5.	<u> </u>	<u> 43</u>	<u> 3</u> 4 <u>.</u>	22.	- 2 1
45	? 9	26	38	4.3	4.7	52	7 Li	65	5 9	45	2.7	17	1
4.9	2 👊	31,	_ 32	<u> </u>	51	57.	5 6,	<b></b>	54.	44,	3.3	32.	2
4.7	2 🛪	19	⊘ 4,	45	4 🚽	50	52	<b>7</b> 0	50	5.2	3.2:	7	1
. 40 .	11	30	32	47.	5.4	<u>63</u> .	71	54	<u>5</u> .a.	35	37	25	
4 ,	29	301	3.1	3.9	5 s	63	71	66	4.5	44	2.8	.2 €	2
50 #	7.3	33	3.2	36	. 61	. 61	6.5	64.	59.	43.	_ 1.4/_	21	1
51	23	1.3	3.3	3.9	51	67	69	67	57	45	25	2	3
53		31	34	3₫	45	6.8	69_	62_	5 <u></u> 5			2-	2
5 3	23	2.8	7.9	34	54	65	65	54	50	79	3.5	21	2
54	7.7	27		43	4 4	57	71	6.54	5 9	7.5	26	251	2
- 5	2.4	2 1	24	45	5.3	58	56	<b>7</b> Q	66	78	2.5	22.	ž
5 v	₹.9	34	34	4 2	51	52	67						
64	1 વં	2.3	<b>7</b> .0	42	51	57	56	65	5.3	37	27	2.3	3
65	1.1_	2.4	29	43	4 4	58	58	66	5.5		27	224	
5.5	7	2 3	27	3.9	4 5	5 2	58	61	5.7	43	2.8	14.	
5,7	24	24	34	46	5_	61	51	65	42	43	32	26.	
6 3	2.3	21	2 5	41,	4 tq *	5 9	69	60	56	3.3	27	2.7.	غ
<u>. 63</u>	1 4	29	7 3	46	54	57	71	64	54	45			
<b>7</b> U	14	17	31	4 (1	5.2	5 7	52	69	5.4	46	17	24	1
$-\frac{71}{72}\cdots 4$	14	1 4	28	36	4 4	54	6 7	67	6 Q	41		331	1
	14	2 4	3.3	- a	5.5	52	6 4	6.8	5.5	45	32	26∄	1
73	24	24	36	3 <b>3</b>	4.7	64	73	65	54	43	38	25	2
MEAN				1									
5 D				T					T I			I	
TOTAL OBS.							-			1			

DELIAL CLIMATCLIGY TRANCH USAFETAC ALA MEATHER SERVICE /MAC

#### **EXTREME VALUES**

MINIMUM TEMPLIATURE

STATION STATION NAME

FROM DAILY OBSERVATIONS

AHOLE DESKEES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR.	APR	MAY	NUL	JUL	AUG	SEP	ОСТ	NOV	DEC	ALL MONTHS
74	₹ -,	23	34	? 3	5 š	57	65	55	54	2.7	304	2.1	2:
15 .	. 24	31	3⊿	4.2	54	p 5a		7.1:.	4.3	43	31.	1 =	19
7 ≎	1 3	25	41	47	4 7	6 U	75	65	5.5	اِز ۶	2.3	21	1 5
.7.7	. 4	25	34	ñ Q	5 4	5 %	_ 72	.72	5.4.	4	350	25.	5
7	<b>★</b> 22	24	<sup>?</sup> ti	45	5.21	63	71	69	5 5₁	Cu	454	? ₺	<b>*</b> 22
	. * . 12	22	35	. 44	514	52.	67.	52	. £ 1,	4 3	2ы•	27.	* 1.9
6.	* "7	2.2	21	4 4,	5 🚜	5 🔾	70	67	5 2 ≄	7.9	30/2	35	21
21 .	. * 15	21	. 34.	4 4	41	62_	67.	55	51	44	234	19.	+ 15
ē c	* 7	27	3.1	56	5.2	6.3	7 ü	73	5.3	77,*	340	3.2	•
	. •2u	2.1.	. 3.4	35	4 7	5 à_	67.	<u>5.¤</u> _	44	4 5	3.7 ⇒	15.	+ 16
• 4	• 54	22	77	44	4 🕏	5.3	70	6.5	50	44	7 1 0	25"	<b>*</b> 25
_a> .	. *	23_											
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	+	+											
MEAN	<u> </u>	24.0	31.1	41.4	50.6	<u> 50.7</u>	67.4	65.0	55.4	40.7	29.3	24	.18.6
\$ D	7.943	4.766		4.091	.8C1			2.768	5.598			4 . 4 1 5 1	5 <u>729</u>
TOTAL OSS.	1227	1154	1244	11:9	124	<u> 119d</u>	1240	1229	1200	1239	1169	12111	14530

NOTES \* (RASED ON LESS THAN FULL MONTHS)

USAF ETAC AND O-88-5 (OLA)

# (AT LEAST CNL DAY LESS THAN 24 DBS)

SLOSAL CLIMATOLOGY BRANCH USAFETAS AIS #SATHSR SERVICE/MAC

### PSYCHROMETRIC SUMMARY ;

TERROR MARKELL ATB AL STATION NAME PAGE 1

Temp.										DEPRE					_	_	TOTAL		TOTAL	
( <b>f</b> )	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	3 - 24 25 -	26 27 - 28	29 - 30	≥ 31	D.B./W.B. D	y Bulb	Wet Bulb De	w Po
50/ 55		• 7	1					-									2	7		
64/ 63:		1.1	1	1		ļ Ļ	i i	İ		(			ļ				10,	10	6	i
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58/ 57	• 5	• 5	• 3			·	-		+	-		<del></del>		+ +			9	a	13	1
50/ 55		1.4		:	• 1	4				1			ļ.	i			14	14	Ś.	- 1
14/ 55		7.3				• 1	• 1							<del></del>			7.2	<del></del>	12	
54/ 51	• 3	2.5	• 5					ı									2.5	23	.76	2
507 47	.1	1.4			+ -	۶.	• 7			•							26	26	17	2
4-1 47		7.3	1.4	. 1									1				7.0	3.0	18	
40/ 45	. 7	2.1	• 0	• 3						+							7 8	23	3.0	1
44/ 43	• 3	1.0	1.2	. 6										ì			2.9	27	29	2
42/ 41	. 5	2.5	2.1	. 6	3												(,,)	5.2	7.0	3
43/ 39			2.6														58	58	36	2
3.1 37	ز .	2.8	1.5	1.4	. 4							+		+			>1	1	50	3
367 35				1.5					:								52	6.2	5.4	4
34/ 73		4.4	7.5	1.0	. 4												55	0.5	5.3	4
327 31	. 6	5.8	4.5	1.3	ŕ				,					1			. 2 <b>7</b>	97	70:	5
301 29	• 5	2.4	4 . "		<del></del>	•		!	-	1				i .			67	67	9.2	5
201 27	• 3	2.4	1.6	. 1			!		;								36	3.5	57	3
301 25	• ₹	. 5	1.3	. 3	1					1		-					2.2	23	74	4
24/ 23	. 1	. 6	1.0							1						_	1.4.	1 4	25	3
22/ 21		. 4	1.5	1		_											10	15	21	5
70/ 19		1.4	1.7	.1										1 .			20	2.7	l ö	5
14/17		• 5	. 4		•												7	7	19	2
167 15;		. 1	. 1	i .					<u>.</u>	L i	_						ż	2;	5	ž
14/ 13										1		!							5	3
1./ 11]		1	ł					1	i _	i. I		1		1		l	1	1		1
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lement (X)		z,			Z X		Ţ	7,		No. Ob	ş.			Meen N	le. of H	ours wif	h Temperatu	•		
Rel. Hum.												± 0 F	≤ 32 F	≥ 67	F	73 F	= 80 F	≥ 93 F	То	tol
Dry Bulb																				
Wet Bulb																				
Dew Point																	I			

COMMAND CONTMATCH COMPONING AND A COMPONING AND A COMPONING SERVICE OF A COMPONING AND A COMPO

## PSYCHROMETRIC SUMMARY

STATION	ASABELL ATE	STATION NAME			70-85			ARS				۱ ن MONT	<u>''</u>
STATION		STATION NAME								PAU	£ 2	HOURS IL.	585
Temp.		WE	T BULB T	EMPERATUR	E DEPRESSION	(F)				TOTAL	i	TOTAL	
(F)	0 1 - 2 3 - 4	5 - 6 7 - 8 9 - 10	11 - 12	13 - 14 15 - 1	6 17 - 18 19 - 2	20 21 - 22 23 -	24 25 - 26	27 - 28 29	30 2 31	D.B./W.B.	Dry Bulb	Wet Bulb Di	ew Po
1 -7		•		•							į		
· / -·		<u> </u>			i			<u> </u>				·•	
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ment (X)	2 <u>x</u> '	ZX	X	<b>₹</b>	No. Obs.					th Tempero			
Hum.	4641879	59448		15.517	794	1 0 F	≤ 32 F	≥ 67 F	≥ 73 F	■ 80 F	<b>≥ 93</b> !	F To	tal
Bulb	1196954	79510		10.664	794	ļ	34.2			<del></del>			
Bulb	104245A 34245A	27438		10.904	794 794	<del>  , ,</del>	45.3 57.2			+	+		- 5
w Point	3424.7	< 2420	(707	430104	799	1.3	3/6/			<u> </u>			9

CLOPAL CLIMATOLOGY ORANGH CLOPETAG ACK NEATHSY SERVICE/MAG

## PSYCHROMETRIC SUMMARY 3

22265 STATION		- XW	1. (.		=		TATION	NAME					_	7.6	-85					YEAR	,							NTH.
																								£ 14	::::		7,975 HOURS	ў <del>- 11.</del> С. <b>5.</b> т.
Temp.															ESSIO									TOTAL			TOTAL	
(F)	0	1.	2	3 - 4	4 5	- 6	7 - 8	9.	10 1	1 - 12	13 -	14 15	- 16	17 - 11	19 - :	20 21	. 22 2	3 - 24	25 -	26 27	- 28 2	9 - 30	<b>231</b>	D.B./W.	B. Dry	Bulb	Wet Bulb	Dew Po
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Element (X)		Z x '	_		+-		E x	٠		Ŧ	<del>-</del>		<del>,</del>	No. O	<u> </u>	+				·		-4.15	<u> </u>		<del></del>			
Rel, Hum.				462	-			9 15				°,	+-		349	+					eon Mo ≥ 67 F		73 F	h Tempe		- 03 -	<del></del>	Total
Dry Bulb	. —		1 7	902 516	+			985	<u> 0</u>	0.5	10	. 551 800	<u> </u>		149	+	4 0 F	<del>-  </del> -	32 F		5.			- 80		• 93 F	<del>-                                    </del>	
Wet Bulb	†			367				110	<u> </u>	7 . 6	127	19	_		349	+		+	12.				• 9	<del>'</del>			-+-	<u>f</u>
Dew Point	<del> </del>			<del>3  </del> 79ე				269				24			849	+		+	35.			7			-			<u>8</u>
PAN FOINT			• 4	, ,			- , ,	207			4 3 6	, Y 4.	<u> </u>		7 7			1	33.	1.7		* 1		i	1		_ i	٤

USAFETAC FOLM 0.26-5 (O.L.A) TEVIND METRUS HOTORS

STUMAL CLIMATOLOGY PRANCH USAFETAC AIP WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

Temp	FE S						ARS				85	76-							AFE	XWELL	MA.	32265
Temp	00-11	390	1	PSGF			.AR#	,,,								16	TION NA	314				STATION
(P)   0   1.2   3.4   5.6   7.8   9.10   11.12   13.14   15.16   17.16   17.20   21.22   23.24   25.26   27.28   29.30   31   0.87%.5.   07.60   07.	<b>ξ</b> \$ (ξ, <b>5.</b> )	HOUR																				
T-y   77																		-				
Total   Tota	uth Dew	Wet Bu	Bulb	J.B./ W.B.   Dry	× 31	29 - 30	27 - 28	- 26	3 - 24 25	1 - 22 23	19 - 20	17 - 18	5 - 16		- 12 13	) - 10   11	7 - 8	5 - 6	3 - 4	1 - 2	0	
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Total   Tota				-			1	1				• I	_	• I				į.				
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16	1		-				l į		,			+ I							• 2	• 1		
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597   59    69   1.3   65   65   67   7   5   2   4.5   4.5   2     7	11.						·							_• 4			- •				• 1.	
1	2.3													• 2	•			-	_	-		
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4	51 -														<u>• 1</u>							
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1 c / 11       Element (X)     Z x²     Z x     X     X     No. Obs.     Mean No. of Hours with Temperature       Rel. Hum.     ≤ 0 €     ≤ 32 €     ≈ 67 €     ≈ 73 €     ≈ 80 €     ≈ 93 €						<del>-</del>	·							•	-+	+-						
Element (X)				- !			i											i i				
Rel. Hum. ± 0 F = 32 F = 67 F = 73 F = 80 F = 93 F																<del></del>			+			
<u></u>	T						,	- 1	1		·	No. Obs	-		$-\!\!\!+$	<b></b>	<u> </u>			r X,		
L'Y SUITE	Total	-+-	* 93 F	- 80 F	/3 F	-	2 67	4 F	5 32	2 U F	-+					+			+	-		
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Dew Faint		+		<del></del>		-+	<del>                                     </del>	-+	+				+		$\rightarrow$	<del></del>			-+			

STUGAL CLIMATOLOGY RRANCH UDAFETAC AIR WEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY ,

FEB 722265 MAXWELL AFR AL 76-85 STATION 3630-0800 HOURS (C. S. T.) PASE 2 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Daw Point (F) 21 765 765 765 COTAL 2.937.441.314.1 3.9 0-26-5 (OL 2 3 ž x No. Obs. Meen No. of Hours with Temperature Element (X) 4388140 56984 52563 74.513.703 42.610.096 39.510.221 765 765 1 32 F ≥ 67 F = 73 F ▶ 93 F Rel. Hum. 16.3 64 64 Dry Bulb 30180 765 1270445 Wet Bulb 1043071 34.712.592 765 26557 37.4

GLUBAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY }

STATION			L AF		ATION N	AME				<u> 76-</u>				Y	EARS					F E	TH
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Temp.		_					BULB T											TOTAL		TOTAL	
(F)	0 1	. 2	3 - 4	5 - 6	7 - 6	9 - 10	11 - 12	3 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	<b>231</b>	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P
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53/67	<u>i</u> _		- 1				1								-	<b></b>	<u> </u>	1			
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64/ 63		•5	• 5		- 1		<u> </u>			<b>-</b>				<del> </del> -	<del> </del>	-	ļ	9		6	
52/ 51	• 1	• 0	. 4			!	1			!	!				1	1	i	11	11	8	
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4/ 53			1.0	• 5	. 4					: :								3.2	3?	20	7
54/ 51			2.5		• 3	. 3								·	+			43		24	
50/ 49			2.0		. 1		1					,		1			:	4.5	45.	3.3	- 2
6/ 47			1.7				•								1		L	· · · · 1	51	44	;
16/ 45	. 4	2.4	2.5	1.2	. 3					, i				1 -				51	51	54	
4/ 43			3.8											+			L	5.7	<u>57</u>	52	;
2/ 41		2.1	2.4	. 7	1.0						- 1							47	47	45	
16/ 39			2.7		. 1	!				L					1			4.8	4.3	5.5	
36/ 37	• 1	2.2	2.7	1.3	• 1										ļ		,	50	50	4 3	-
36/ 35	. 4	2.0	3.0	1.2	. 1			i		L .								51	51	51,	
34/ 33		1.8	2.1	. 8	. 5												,	40	40	49	
32/ 31	• 3	3.0	3.3	1.0			<u> </u>			1	i	i					ı	64	64	4 8	
30/ 29		1 . 4	1.	. 4											<del></del>		•	2.2	22	51	
21/ 27	• 1,	2.0	2.1	• 1			1				;				1	:		3 3	3.3	45	3
26/ 25			1.7	• 1			<del></del>				$\neg \neg$			<del>-</del> —	<del>†</del>			16	16	33.	- 7
24/ 23	• 1 <sub>:</sub>						1								i	:	1	1	1:	76	
2/ 21		. 4	1.2											<del>†</del>	1	-	1	12	13	7	
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3/ 17		1					+							<del>                                     </del>	1		<del></del>	1		3	
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3/ 9	<u>_</u>						1							<del></del>			<del>                                     </del>	<del> </del>			
8/ 7				:			1							1							
5/ 5							+				-+			<del></del>	<del>                                     </del>		<del>                                     </del>	<del>  -  </del>			
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lement (X)	Z	<u>, , , , , , , , , , , , , , , , , , , </u>			ž <sub>X</sub>	$\top$	<b>T</b>			No. Obs	<del>.                                    </del>			<del></del>	Mean I	No. of H	ours wit	fi Temperat	ture		
el. Hum.		2				$\neg +$			$\top$			101	F	± 32 ₱	≥ 67		73 F	= 80 F	▶ 93 F	1	0101
ry Bulb						_					$\neg$		+		1			<del>                                     </del>	+		
let Bulb							+		+-		$\neg$		+		-			<del>                                     </del>	<del> </del>		
ew Point						+-	+		+				-+-		<del> </del>	-+-		+	+	-+	

SESSAL CLIMATOLOGY BRANCH USAFETAC ASR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

22265 STATION		AXMEL	LAF		76-85 YEARS											MT A L						
		STATION NAME									PAú								E 2	2 2130-2		
		WET BULB TEMPERATURE										DEPRESSION (F)								_	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14 1	5 - 16	17 - 18	19 - 20	21 - 2	2 23 - 3	24 25 - 2	26 27	. 28 29	- 30	<b>3</b> 1	TOTAL D.B./W.B.	Dry Bulb	Wet Bulb !	Dow Poi
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15/-11			1		[						ļ		<u> </u>	<u>i</u>	_i				<b></b>			
OTAL	3.4	426.7	33.6	24.4	8.3	2.5	• 7							1			i		İ	<b>57</b> 9		57
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Element (X)		Zx'	•		ZX		X	₹,	$\Box$	No. O		*	•		M	een Ne.	of Ho	ers wit	h Temperat	ture		
Rel. Hum.			148		591	95	68.1	16.9	5 9	!	78	≤ 0	F	⊴ 32 F		≥ 67 F		73 F	≥ 80 F	≥ 93 f	. 1	otal
Dry Bulb		156	0950	3	359		41.0	9.80	9		78			18.						$\Box$		9
Wet Bulb			7391		325			9.97			78			32.								9
Dew Point		97	6580	יב ד	268	94	30.6	13.19	9		78		• 6	52.	3				1			9

D. 26-5 (OL.A) REVISEO MEYICUS EDITIONS OF THIS PORM A

NFETAC FORM 0.2

BLBBAL CLIMATOLOGY BRANCH USAFETAC AIN WEATHER SERVICEZMAC

### PSYCHROMETRIC SUMMARY

MAXWELL AFS AL STATION NAME 7 2 2 2 6 5 STATION PAGE 1 2100-230B HOURS (E. S. T.)

Temp.						WET	BULR	TEMPE	RATURE	DEPR	SSION	(F)						TOTAL	•	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7.8	9 . 10							23 - 24	25 . 24	27 . 21	29 - 3	» 31				Dew Pa
50/ 65			$\overline{}$					10 1 13	1.5	111111		† <del></del>			1		1	7	7	<del></del>	
64/ 63		.?			••	ļ	1	-	1								1	7	7:	3	
54/ 61		P			• 1	<del>                                     </del>	· · · · ·		<del> </del>	<u> </u>	<del> </del>	<u> </u>	+	+	+	+	+	16	16		
50/ 59	. 3	-		.5	. 1		!	i	1	1				1			i	16	15	19	
50/ 57	- 3	• 2					. 2	<del>                                     </del>	+	<del>                                     </del>	<del>                                     </del>	<b></b> -	+	+	+	+	+	21	21	15	1
5ε/ 55	• •	. 7			. 9	i	••	I	1	!	!		!	İ	ļ	1		2 <b>2</b>	22		•
4/ 53		1.0			• 2	. 1	• 1	<del></del>	•	<del>                                     </del>	!	ļ	+	+		+	+	18	18	14	
527 51			1.4			. 1				!	i				1		4	4.3	4.3	28	1
53/ 45		1.4			1.3		<del></del>		•	<u> </u>	t	!	+	+	<u> </u>	•	-+	54	54	37	
43/ 47			1.4					!			1		,		ļ			51	51	4 0	2
45/ 45			1 . 3						•	<del>!</del>	<del></del>	<del>;                                      </del>	+	+	+	<del></del>	+	38	3.8	34	2
44/ 43			3.0	-	•	. 1					İ	•		:	1		1	76	76	34	3
42/ 41	3	1.4	2.5	1.3	. 6			<del>                                     </del>	•	<del> </del>	<del> </del>	<del></del>	+	+	+	+	+	61	61	63	3
42/ 19			3.9		. 8				I .	i	!	•						£ 3	<b>83</b> .	72	3
38/ 37			1.9					<del></del>	<del></del>			<del> </del>	+	+	<del>†                                    </del>			<del></del>	56	72	3
15/ 35	- 2		2.7		. 3			ļ			:				i			61	61	73	4
34/ 33	• 1		2.1				:	<u> </u>	1	<del>                                     </del>	<del>!</del>	•	<del></del>	+	1	+	•	74	74	55	6
74/ 31			3.1			į	t	ļ	Ì		ì				i			. 74.	74	65	6
13/ 29	• 3		1.9				•		<del>                                     </del>	<del> </del>			1	!	<u> </u>	•	+	35	35	72	5
70/ 27	. 1		1.3				į	ŀ			i	1	I	1		1		26:	26	50	4
25/ 25			1.7	. 2		<del></del>	<del> </del>	<del>                                     </del>	<del> </del>	† <del></del>	<del> </del>	$\vdash$	†	+	+	+	+	11	11	50	4
24/ 23		. 2	l l						+				-	1	1		1	. 7.	7	31	3
22/ 21		• 1	• 5			<del></del>	<del>                                     </del>		<del></del>	<del> </del>		<del>                                     </del>		<del></del>	1	+	1	5	ε,	17	3
33/ 19		. 2				I	1	1	Ì					1	1	1		7	7	6	4
11/ 17		• 2	• 1			<u> </u>	!		<del> </del>			† · · ·	1			<del>                                     </del>		3	3	8	- 2
15/ 15		. 1	!			•					l					1	!	3	3	•	2
14/ 13							-	<del> </del>		1 -		†	1		T	1	†	1		1	3
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11/ 9			. 7						<b>†</b>	†		1		1		İ	1	2	2		1
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Element (X)		z <sub>x'</sub>			z x		X	•,		No. O	9.	•	•	•	Meen	No. of I	lours wi	th Temperate	70		
Rel. Hum.												1 0	F	s 32 F	× 6	7 F	= 73 F	- 80 F	≥ 93 F	1	otal
Dry Bulb																					
Wet Bulb					-							-	j		T			1		$\top$	
Dew Paint						$\neg$							<u> </u>			- 1			T	1	

SLOGAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 722265 MAXWELL AFB AL 76-85 JAN MONTH STATION 1800-2000 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 8 31 D.B./W.B. Dry Bulb Wer Bulb Dew Peint (F) 2/ 1  $-\frac{2}{2}$ /  $-\frac{3}{3}$ -4/ -5 -6/ -7 -81 -9 -13/-11 TOTAL 3.018.023.424.719.8 9.1 2.7 881 881 0-26-5 (OL A) No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. 3737289 1787253 54941 62.418.801 44.0 9.543 881 2 0 F ≤ 32 F ≥ 67 F = 73 F = 80 F Dry Buib 38781 881 10.9 93 1419514 34328 39.0 9.649 881 Wet Bulb 24.6 93 Dew Paint 1008110 27308 881 52.4 9 .

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GLORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

722265 76-85 MAXWELL AFB AL JAN MONTH STATION NAME YEARS PASE 1 1800-2000 HOURS (L. S. T.)

(C)

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point 721 71 63/ 67 56/ 65 12 • 2 12 . ? 64/ 63 11 . 3 • 1 . 6 62/ 61 • ! . 1 16 6 • i 16 63/ 59 . 7 . 1 23 58/ 57 . 6 . 6 • 1 21 21 16 567 55 547 53 1.4 . 1 43 12 2.0 1.1 52/ 51 28 50/ 49 23 .9 1.1 1.0 1.2 1.4 54 54 40/ 47 .9 1.9 1.8 72 72 4 3 35 45/ 45 .3 1.4 1.8 1.4 2.8 7 4 7 9 41 28 .1 1.4 2.3 2.3 1.5 44/ 43 73 73 62 20 1.0 2.2 1.9 1.5 42/ 41 64 64 64 46 40/ 39 71 91 42 38/ 37 1.1 1.3 2.6 1.1 57 83 37 57 36/ 35 .3 .6 1.7 2.0 2.6 6 6<sub>i</sub> 60 40 56 • 2 341 33 . 7 1.4 1.0 60 41 32/ 31 56 57 1 . 4 3.2 49 49 73 33/ 29 . 8 18 50 26/ 27 25/ 25 • 7 36 54 -3 39 45 24/ 23 22/ 21 4 28 76/ 19 5 C 17 • 1 <u>26</u> 30 14/ 13 12/ 11 43 10/ 16 7 10 3/ 6/ Mean No. of Hours with Temperature Element (X) 1 32 F 2 67 F 2 73 F 2 80 F 2 93 F Tetal Rel. Hum. 5 0 F Dry Bulb Wet Builb

0.26.5

GEORAL CLIMATOLOGY PRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 122265 MAXWELL AFB AL 76-85 STATION PAGE ? 1508-1760 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dow Point 1.1 23 17 6/ 4/ 9 13 0/ -1 -27 - 32 -0/ -7 1-013-317-311-219-120-413-9 6-2 1-7 1-0 987 8 2 7 837 0.26-5 (OLA) Z X Element (X) No. Obs. T Meen No. of Hours with Temperature 52.521.653 49.310.182 41.8 9.846 2863291 2246899 46597 43721 Rel. Hum. 887 ≤ 32 F ≈ 67 F × 73 F Dry Bulb 4.9 4.4 1637810 37102 Wet Bulb 17.0 887 1.0 93 Dew Point 1035264 27296 30.814.945 887

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

72265		<b>VALE</b>	LAF							76-	8.5										AN
STATION				\$1	TATION N	AME								YE	ARS					MO	ITH
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48/ 47	. 3	1.4	• 3	1.5	1.8		1.6										1	83	3 3	48	34
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USAFETAC NORM 0-26-5 (OLA)

GLUPAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC 722265 MAXWELL AFB AL

## **PSYCHROMETRIC SUMMARY**

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Dow Point		105	7265		275		31.1	15.0	3 2	- i	388			50.5							93

All de 0.26-5 (OLA) REVISEO MEYICUS EDITIONS OF THIS R.

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GLUEAL CLIMATOLOGY BRANCH USAFETAC ATR HEATHER SERVICE/M. 3

722265 MAXWELL AFE AL

## **PSYCHROMETRIC SUMMARY**

STATION					TATION N	AME								YE	ARS				MONTH	_
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Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION (	F)					TOTAL		TOTAL	_
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USAFETAC 100m 0-26-5 (OLA) MINISP

GLUBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

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STATION				2	TATION N	AME								72	ARS						
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GLCRAL CLIMATOLOGY RRANCH USAFETAC AIM WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMAR**

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O. 26-5 (OL. A) REVISED PREVIOUS EDITION

NFETAC FORM 0

GLORAL GLIMATCLOGY RRANCH USAFETAC AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMAR

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GLUMAL CLIMATOLOGY RHANCH USAFETAC AIN MEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMA**

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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

MAXWELL AFE AL STATION NAME

PAGE 1

Temp.					_		BULB 1											TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	0 = 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
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Wet Bulb																					
Dew Point															1					- I	

SLUBAL CLIMATOLOGY GRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 722265 MAXWELL AFB AL 76-85 FEB 1500-1700 HOURS (C. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 (F) D.B./W.B. Dry Bulb Wet Bulb Dew Paint 16/ 15 25 14/ 13 12/ 11 21 22 10/ 9 Ą 6/ 7 TOTAL -9 8-3 9-0 6-411-214-015-312-411-8 5-7 3-8 547 847 847 ₹ 0.26-5 (OL 1 1 0 1 2 1 No. Obs. Mean No. of Hours with Temperature ZX Element (X) X • 46.621.396 57.511.194 47.2 9.206 \*67 F \* 73 F \* 80 F \* 93 F 2230130 Rel. Hum. 39508 347 ≤ 32 F Total Dry Bulb 84 48689 847 21.3 8.1 3.7 1962422 40018 847 Wet Builb 34.813.384 Dew Point 1179424 29506 847 39.4 84 

SLORAL CLIMATOLOGY PRANCH USAFETAC AIR MEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

722265 MAXWELL AFB AL 76-85 FEB

PASE 1 1830-2000 HOURS (C. S. T.)

Temp.										E DEPRI								TOTAL		TOTAL	
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U/ 59		5.	1.2		.7	. 9						1	1	1	1			45		21	
56/ 57	. 4	1.1			1.2	1.2			<b>&gt;</b>			1	į	i	: :			63		40	
6/ 55	• 2	. 5	1.7	. 4	1.1	2.1	• 8		<b>!</b>	1	<del> </del>	!	<del> </del>			+		53		51	
4/ 53	. 1	6	6	. 4	. 4	1.4	1.4	. 1	ľ.	1	-		i	!				42	4.2	47	_
2/ 51	• 1	. 6	. 7	• 7				+	1	1	1	<del>†</del>			<del></del>	+		45	45	45	
0/ 49		. 8	1.5	1.1	1.4	1.4	1.1	į	i i	1	į	•						6.2	6.7	48	
e/ 47			1.4						-	+		-		<del></del>	+	+		57	5 7	56	
10/ 45	• 2	1.2	. 3	2.1	1.8	1.9	• 2	1		1		1						69	69	56	i :
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0/ 39		.7	. 3	2.0	1.9	. 6	<del></del>		1	1	<del>                                     </del>	<del></del>	·		1	+		47	47	67	
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26/ 25		<u>.</u> .		,			1	1		}	1	}		}	1					10	
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lement (X)		Zx'	_		Σχ	$\top$	X	•,		No. OI		-			Meen No	of Hea	ra wid	Tempere	lure		
I. Hum.						_						± 0	F :	32 F	± 67 f		73 F	- 80 F	• 93 F	-T	Tetal
y Bulb																1			1	$\neg \uparrow \neg$	
er Bulb																			1		
ew Point			-			$\neg  o$		<del>                                     </del>							1	_			_		

FORM 0.26-5 (OL. A) REVISED REVIOUS EDITIONS OF THIS FORM ARE

USAFETAC NOW 0.26-5 (OL A)

SLOMAL CLIMATOLOGY RRANCH USAFETAC AIR WEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL 75-84 JUL MONTH STATION HAME STATION PAGE 1 1200-1400 HOURS (C. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 34/103 . 1 - 1 105/101 30/ 99 .1 1.0 . 2 13 44/ 97 1.6 1.0 3 3 3.3 46/ 95 .2 2.0 4.0 2.5 98 38 94/ 93 3.4 4.9 3.7 1.4 130 . \$ 1.7 32/ 91 3.8 4.8 1.0 1.3 - 1 121 122 .2 1.4 3.2 6.1 2.2 1.2 .7 4.2 5.6 1.6 1.1 .9 93/ 89 138 141 46/ 87 132 133 . 3 16/ 85 2.1 4.1 1.5 83 63 24/ 93 1.6 1.6 1.3 • 1 47 47 22/ 81 2.0 1.2 1.0 . 2 18 10/ 79 .7 1.3 30 30 149 7 1.4 <u>•</u> 9 78/ 77 .1 .1 14 297 16 76/ 75 . 1 23 23 242 72 74/ 73 . 3 • 2 115 183 74/ 71 .1 . 1 63 212 70/ 69 . 1 196 50/ 67 123 56/ 65 54/ 63 29 42/ 61 22 507 59 56/ 57 56/ 55 54/ 53 1 . 1 . 4 2.6 7.4 7.412.413.816.015.112.5 6.3 3.5 1.3 TOTAL 926 921 921 21, Element (X) ΣŢ T No. Obs. Mean No. of Hours with Temperature 55.612.679 89.0 5.852 267 F = 73 F = 80 F = 93 F 2993072 51190 921 Dry Bulb 7365275 926 93.0 92.0 86.1 27.6 82407 76.1 2.729 Wat Bulb 5339475 70081 921 92.6 83.0 93 6.8 Dew Paint 9582590 64680 70.4 3.628 921 81.9 27.4 93 THE PROPERTY OF SHAPE

G.-

SED PREVIOUS EDITIONS OF THIS FORM ARE OBSIGNETE

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0.26-5 (OLA) #\*\*\*\*

SAFETAC FORM

SLORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY 5

722265	MAXWEL	LAF		ATION NA	ME				<u>75-</u>	84				YEARS					MOH.	ĮL TH
																	PAG	F 1	1500-	17u
Temp.				-	WET	BULB 1	EMPER	ATURE	DEPRE	SSION	F)					-	TOTAL		TOTAL	
(F)	0 1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 2	4 25 -	26 27 -	28 29 -	30 = 31	D.B./W.B.	Dry Bulb	Wet Bulb C	Dew Pair
24/123		7	- +														5	ε,		
72/101		į :		[						İ	.1		3	1	l		5	5,	1.	
70/ 99											1.3		1	1			14	14		
98/ 97									1.3	2.5			1		_i		4 3	4 3		
76/ 95			1		,		• 1	1.6	3.3	4.4	1.5	•	1				101	101		
74/ 93									3.6		3		2	<u> </u>	!		99	99		
92/ 91				i	j		2.9				. 7	,	İ	1			116	116	ŀ	
90/ 89		<u>• 1</u> ,	• 1,	• 2	- 4	2.0	4.7	2.5	. 8	. 4	· 		+	$\perp$			. 103	103		
98/ 97			• 1				. 0						1	:	4		79	8.2		
46/ 85			- 4	2.1	3.6			. 8	<u> </u>	<del></del>			+	<u> </u>	-	-	; <u>82</u> ,	32,		
34/ B3		. 4		1.8		• 9	• 1	• 2					1				5 3	5.3	1	1
32/ 81		• 1	1.2	1.3	• 5		- 1,		<del></del> i	<u></u>		4		<del>-</del>	_ +		. 31.	31,	- 9	
FL/ 79	- 1		1 . 8			• 1			1	1							r. B	5 A	9.8	•
76/ 77		1.5	2.1	1.3	•1				•								. <u>52</u> ,			
76/ 75		1.5				• 1											4.3	43		51
74/ 73	7	8.	. 9						<del>                                     </del>	·		<b></b>	-+-	-	+	<b></b>	. 21.	21,	159	109
72/ 71	• "	• 1							1					:			6	6	97	50.
707 69 587 67		·		• 1			<del></del>		<del></del>			+	<del></del>	+	<del></del>	+	<del></del>		48	199
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54/ 63		+					<del></del> +				+	<del> </del>	<del></del>	<u> </u>		+	+		2	- 69
62/ 61		İ			'					1	i						i .		2	4
66/ 59		-			<del></del>		<del></del>		<del></del>		•	+	-	-		+	•			1
55/ 57							i				•	i					1			
TAL	3.2	5.0	9 . 2	10.4	9 R	B 6	10.4	15.7	11.4	0.5	5.1	1.	-	7	- +	+	+	915		91
71-6			3 . 2	10.0	7 6 0	0.0	100-	4304	11.0	763	3.3		.,			,	013	-	912	_
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Element (X)	z <sub>X</sub> ,			X	1	X	* <u>A</u>	$\Box$	No. Ob								h Temperat			
Rel. Hum.		7165		516			15.4			12	10	•	1 32 F		67 F	• 73 F	→ 80 F	• 93 F	<del></del>	etel
Dry Bulb		1493		804			6.9			15					93.0	92.			•.1	9
Wer Bulb		7974		686			2.8			12					92.8	77.0		-		9
Dow Point	443	1257		634		07.6	3.79		<u> </u>	12					77.0	11.1		31		<u> </u>

SLOPAL CLIMATOLOGY SHANCH URAFFTAC AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

22255 STATION	-1	AXWEL	L AF		ATION NA	ME				75-	84			YI	EARS					MON	UL
																		PAG	E 1	1800 HOURS (L	-205
Temp.						WET	BULS T	EMPERA	TURE	DEPRE	SSION (	<b>P</b> )						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14 1	5 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	- 31	D.B./W.B.	Dry Bulb	Wer Bulb	Dew Po
0/ 99		1 1	·		-			ſ	Ì			- 1						1	1		
70/ 97		<u> </u>					•				- 2	• 2	_ •1	ļ	-		↓	5	5	L	
96/ 95				i						. 3		• 2			i		1	10	10		
24/ 93							<del></del>	- 1;	1.1	- 9	• 19			·	+ - +			26			
92/ 91				,	ł		• 3							į				4 1	41		
90/ 89						. 1	1.5	3.3			• 3			<u> </u>			+	73	73		
45/ R7				• 1,	- 4	2.0	3.9	2.7	. 6						:		1	• 1	8.5		
36/ 85.			+	- 4			3.5		. 4						++		<del>-</del>	100			
34/ 33					3.2		1	. 4	• 1									3.6	88		
32/ 81					4.2		<del></del>		• 1			+		<del></del>	•		<b></b>	107	109		
AS/ 79			2 • 3			1.4	. 3							:			,	107	107	1	
78/ 77			3.4				• 1,					+		-	<del></del>		+	100			
76/ 75			3.7		:	• 1												97	97		6
			2.4		• 4		·							<del>-</del>	+-·-		<del>-</del>	48	49		14
72/ 71		- 8																14	14	;	19
70/ 59		+ .7	<u> </u>														+	. 6	9		19
5:/ 67																				3.3	
56/ 65								+						+	• • •	_	+			1,	<u> </u>
64/ 63							:	i									1				3
627 <u>61</u> 59			+		-							+					+	<del></del>		+	1
53/ 57		i	į				'				i										
) TAL		, , ,	17 4	17 6	14 0	12 5	1.3	7.8			2 0	. 6	.1	<del></del>	<del></del>		+		919		90
71 -L		7 • 7	1204	11.4	10013	12.03	12.3	1 . 5	0.0	2.3	2 • U	• 0	• 1					804			70
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Element (X)		Z X'	1		ž <sub>X</sub>		X	•4		No. Ob	· I				Meen N	o. of H	ours with	Temperer	ure		
Rel. Hum.			9223		611	2.3		19.37		9	06	2 0 F	' '	32 F	≥ 67		73 F	- 80 F	<b>≥ 93</b> 1	F 1	otol
Dry Bulb			3062		748	_		5.84	_	9	09				93.	.0	90.7	60.	0 4	. 3	9
Wer Bulb		495	3799		669	. 7		2.79	$\rightarrow$		06				92	. 9	65.3		7		9
Dow Point		443	9504		633		69.9	3,44	15	9	06				79	. 8	22.2		1		9

SLOPAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY 5

JUL

MAXWELL AFB AL STATION HAME 722265 STATION PASE 1 2133-2338 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 76/ 89 . 2 3 . 2 38/ 87 1.3 14, .3 2.2 76/ 85 28 .a .a 2.5 4.5 1.5 .9 4.5 4.5 2.7 .2 14/ 83 <u>£2</u> 12/ 81 72 72 3.5 4.8 4.1 2.2 06 98 78/ 77 .2 2.5 5.7 7.1 4.0 10 117 14 117 4.5 8.3 5.8 1.2 76/ 75 119 121 33 119. 74/ 73 .2 2.2 3.1 4.0 • 3i 172 54 59 84 72/ 71 1.7 2.3 137 140 25. 70/ 69 97 134 56/ 67 114 66/ 65 59 44/ 53 52/ 61 59/ 57 TOTAL .317.624.527.316.911.6 4.6 2.0 636 604 6.74 Mean No. of Hours with Temperature Element (X) ZI No. Obs. Z X' X ·\* +67 F = 73 F = 80 F Rel. Hum. 75.910.789 78.5 3.979 72.7 2.670 ≤ 32 F 3547054 604 47541 606 93.0 87.8 35.9 Dry Bulb • 5 Wet Bulb 3199699 43932 604 92.1 51.0 93 2965417 70.0 3.250 20.3 Dew Point 42276 604 80.1

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SEURAL CEIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

22265 STATION	* A A										, ,	7 <u>8-64</u>			ARS					A U	_
STATION				51	ATION N	AME								YE	ARS			0.00			
																		PAS	E. 1	OSDO-	5. T
Temp.										E DEPRI								TOTAL		TOTAL	
(F)	0	+	3 - 4		7 . 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	▶ 31	D.B./W.B.	Dry Bulb	Wet Bulb D	ew Pe
70/ 77	-	2.3	4 . 1	1.4				:		l				!				17			
761 75 741 73		7.1	1 4 3	5.0		<del>-</del>		-		+	+	1		<del> </del>	<b></b>		<del></del>	72			3
721 73	• *1			4.6						i	1		ı	ļ.			!	. 72 54	7 d 5 4		د 3
76/ 69	. 5	4 . 1	3.7	9						+	<del>†</del>			<del> </del> -			<del></del>	26	23		4
56/ 67		1.4	୍ ବା	- 5	!	i				i .		i i						. 6,	6	38	4
16/ 65		-		•5	. 5						,				i -			2.	?	16	2
64/ 63.										<del>-</del>	+	<u> </u>	L				+	·		4	1
527 61 517 <b>5</b> 9		- 5									1				i			1	1	_	
5 1/ 37 5 1/ 57					+	•				+		<del></del>	-	<del></del>			-	·		<u>-</u>	
56/ 55														i	. '		ı				
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TAL	1.43	38.44	2.3	17.4	. 9					•									219	ı	21
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Stement (X)		x'	12713					7.2	na	No. Ob		10		122 F				Temperat			prel
Stement (X)	3	1627			108 160		5.9	7.2		2	119	101		32 F	≥ 67	F .	73 F	· Temperation & SO F	ure - 93 !	F To	pral
Clement (X) lef. Hum. hy Bulb let Bulb	3	<del></del>	619		108	02	73.1		12	2		100		32 F		. 7		<u> </u>		Te	orial 9

SLOPAL CLIMATOLOGY BRANCH JSAFETAC ATT WEATHER SERVICE/MAC

722265

#### PSYCHROMETRIC SUMMARY |

YEARS

AUG MONTH

MAXWELL AFB AL STATION NAME 0600-0800 HOURS (C. S. T.) PAGE 1 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Paint 10/ 85 - 1 2 2 44/ 23 32/ 31 .2 .6 1.5 1.2 3.3 1.9 .6 1.7 5.7 1.9 61 61 50/ 79 95 95 3 D 79/ 77 1.9 7.9 7.5 2.2 7 1:3 103 6.113.8 4.6. 1.2 75/ 75 241 114 37 241 74/ 73 6.110.2 4.4 201 129 • 1 201 247 ·/ 2.3 4.7 1.6 .2 255 72/ 71 239 94 54 70/ 69 .1 1.3 .3 .6 .3 29 29 163 247 50/ 67 \_<u>• .</u>? 79 190 56/ 65 . 1 69 A41 63 32 52/ 61 16 53/ 59 58/ 57 Š 50/ 55 TOTAL 1.018.940.928.8 9.7 .9 929 929 929 Element (X) Zx' Z X X **7** No. Obs. Mean No. of Hours with Temperature 81.7 7.756 75.8 3.278 \*67 F \* 73 F \* 80 F Rel. Hum. 929 10 F 1 32 F 6259526 75916 92.7 929 Dry Bulb 5345063 70401 80.6 12.8 93 39.4 Wet Bulb 4791500 66664 71.8 2.893 929 89.2 93 Dew Peint 4532505 64817 69.8 3.311 929 80.0 17.3 93

BEVISED PREVIOUS 0.26-5 (OL A)

GLURAL CLIMATOLOGY BRANCH UBAFETAC AIR WEATHER SERVICE/MAC

122265 MAXWELL AFB AL

## PSYCHROMETRIC SUMMARY ;

<u>AU6</u>

STATION				51	TATION N	AME								Y	EARS					MOI	HTH
																		PAG	E 1	0900 HOURS (I	-110
Temp.						WET	BULB '	TEMPERA	TURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	•	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14 1	5 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	0 = 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dow Po
8/ 97		1	<del></del>	•		,		+		. 1								1	1	,	
6/ 95								! !	. 1	. 1	1			i	ł			2	7		
4/ 95			•	•				. 5	. 9	. 1	• 1			i				16	16		
2/ 91							• 5	1.4	. 4		l			i	į		į	2.3	23		
J/ 39			************		• 1	1.7	3.2	3.2	. 3	. 2	. 3				1			8.3	9.1		
2/ 37					1.4	5.7	5.8	1.4	. 6	. 1				ļ			L	149	149		
6/ 85				1.2	5.6	3.9	3.1	.0	. 5	. 1					Ī			188	138		
4/ 93			. • 1	1.8	7.7	3.4	1.5	. 4	. 2		! <b></b>				i.	<u> </u>	1	142	142		
27 81		-	• 4	4.4	6.3	2.6	1.1	- 1	. 1						į	1	1	143	143	4	
ul 79			2 1.3	_ 2 • 8	2.7	• 9	. 4	• 1,	·		i							. 76	76.	79	
c/ 77					1.2	• 3	. 3	1	1									5.9	59	240	
5/ 75		. 2	2 1.1	9		• 1		: 	i		İ				1	į	<u> </u>	22	22	266	
4/ 73		• 3	3 .5	. 9	• 1	• 1					ł	:		1				10	1 =	195	2
21 71		. • 1	1 . 8	!							<u> </u>			<b>.</b>	i		<u> </u>	<u> </u>		76	21
1/ 69												!			i					47	14
4/ 67																		<b>.</b>		19	
6/ 65		,							í			:				i				4	
4/ 53		<b></b>							-		<u> </u>				1		<del></del>	<b>.</b>	·		
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TAL	• 1	1.1	6.1	14.3	25.3	24.6	16.1	8.2	3.2	. 4	• 2	l		l .	-	1			930		9
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ement (X)		Σχ'	<u> </u>		Z X		¥	<b>₹</b>	-	No. Ob	s.				Mean	No. of I	Hours wiff	Tempera	ture		
I. Hum.			9554		612	10		9.85	71	9	30	10	F :	32 F	≥ 67	F	≥ 73 F	▶ 80 F	+ 93 F		Total
, Bulb			9356		781			4.31			30		1		93	. 0	92.2	78.	8 1	• 5	
r Bulb			55604		698			2.79			30				•	. 6	78.4				9

-26-5 (OL.A) REVISE REVIOUS EBINGHS OF THIS FORM A

AC 1004 0.26.5 (0) A1 1843

BEU-AL CLIMATOLOGY HRANCH

MATHELL ASB AL STATION HAME

AIR WEATHER SERVICEZHAS

PLAFETAC

12/171

1:2/ 29. 32/ 37.

HOEM 0.26-5 (OL A)

Dew Paint

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141 07				7.3 2		•6 •1				4 9	54		
·· / 91				6.0 4		• S • 1,				151.	1:1		
27 63				10.4 1.		• 4 • 1				201	2017		
3/ 37					1 1 1 1	• 3 • 1				. 151.	_157.	+	
46/ A4		1.5 5.			5					114	114		
441 25.		·5 2.7 1.								56.	54.	1.	
1./ 51	• 5		.5 • 4	.1	. 2					₹ 5	36	25	
/ 19		.1 .5	<u> </u>					<u> </u>		20.	23.	144	2
7-1 77	•1 •2	• • • • • • •	1							19	ľò	262	16
101 75.	• 1.		-		· · <del>-</del>					<b>I</b> .	<b>7.</b> .	25b	82
741 73	• 4	• 2								ŧ	6,	143	174
7.7.71	• <u>1</u> • <u>1</u>	- + +	<b>.</b>								2	51.	222
7/ 69	• 1									1	1	35	201
ne/ 67	,									<b></b>		9.	106
nb/ 65								i	•			2	59
~4/ 53					_ t •			1					26
627 61				. — .					1				18
60/ 57									1				11
567 57					1								6
557 55							_ ;	1 .	1				3
54/ 53													1
TITAL		.2 7.414.	120.9	23.713	010.0 3	. 7 1 . 1.	_ • 1.			i	930		930
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				<u> </u>		ii		,i_		l i			
Element (X)	Σχ'	z x	X	₹ ,	No. Obs.			Mean No. o	f Hours wit	h Temperatu	·•		
Rel. Hum.	2991617	51930	55.6	13.126	933	10 #	≤ 32 F	≥ 67 F	≥ 73 F	- 80 F	≥ 93 F	Te	101
Dry Bulb	7304017	82369		4.56G	930			93.0	92.7	88.8	15.4	3	٠و
Wet Bulb	5377510	70672	76.0	2.754	933			92.8			+		93
	44.35.74.1	4.5.4. 9		2 204	0.20	<del></del> -		200	23.3		+	+	

930

70.4 3.806

55471

WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31

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PSYCHROMETRIC SUMMARY,

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TOTAL

80.6

27.7

AUL:

1200-1450 HOURS IL S. T.

TOTAL

D.B. W.B. Dry Bulb Wet Bulb Dew Po-

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St. AE CEIMAIDEOSY (MAICH DENELTAE AL MEATHES SERVICEZMAC

# PSYCHROMETRIC SUMMARY \

STATION		STATION NAME						YEAR\$				MON	TH
										240	1	1570	
Temp.		WET	T BULB TEMPER	ATURE DEPRES	SION (F	)				TOTAL		TOTAL	
(F)	0 1-2 3-4	5 - 6 7 - 8 9 - 10	11 - 12 13 - 14	15 - 16 17 - 18 1	9 - 20 2	1 - 22 23	- 24 25 - 2	26 27 - 28 29	- 30 = 31		Dry Bulb		Dew Po
17/ 99			<del></del>		. 4	. 3	• 71	-		9			
/ 37				. 1	4	. 4	. 1			14	14		
1/35			• 1	. 9 1 . 9	. 9	. 6.	<del></del>			41	4)		
14/ 93				3.0 2.5	P	• •				6.7 <sup>1</sup>	67		
1 / 91			र्व 1.8 4.7		. 8	• 1				151	151		
( / 4)		-	7 4.6 4.2			• •				1 - 5	195		
37	· · · - · · ·	.3 3.	<del></del>	1.6.5	- 4					1 2 7	127		
16.7 A.F	. 1.			-5 -2	7					39	49		
14/ 83		.5 1.7 1.		• 5						*· · · · · · · · · · · · · · · · · · ·	67	i	
./ 31	_ 4	2.2 .6 1.								51	· 1	10	
7 73		2.0 1.4									41	33	
7-1 77		1.2 .6	•							29	29		1
76/ 75		•6 •1								2	2.7		<b>.</b>
74/ 73	.1 1.7 1.5	• ii • 1.								າວ	30		15
1. / 71	** ** : ** :	* 4 * 4.							•		ز 17		19
11 / 59		• •								-	•	71	21
1 57		• •	• • • • • • • •							<b></b>		1 ರ	12
6/ 55												<u>.</u>	7
4/ 63			• • • • •									≰	
12/51													1
155	· · · · · · · · · · · ·		•							+			1
7	1												•
	· · · · · · · · · · · · · · · · · · ·		•							<del></del>			
TAL	1 2.3 4.4	7.5 6.212.0	415.419.7	15.510.5	4 - 6	1.5	. *				937		93
· ·	74 754 754		1.0 4 4 1.1 2.3	*			<u> </u>			4.80		930	
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•						-		+ + +		† †			
		<u> </u>	<u> </u>							<u>i i</u>			
lement (X)	ΣX,	ZX	g e	No. Obs.						th Temperati			
el. Hum.	31847/1	53047	57.313.3		_ دا	10F	± 32 F	≥ 67 F	≥ 73 F	> 80 F	• 93 F	T	0101
ry Bulb	7126235	81243	87.4 5.5					93.0	92.	8 83.0	13	• 1	<u> </u>
for Bulb	5269269	69948	75.2 2.7				1	92.7			7		C
ew Point	4532504	54926	69.7 3.8	52 93	30			76.7	22.	4	2	1	4

BEVISED MEXICUS EQUIDES OF THIS FORM ARE GI

AC 101 0.26-5 (OL A)

SELPAL CLIMATOLOGY PHANCH UPSFETAC ATH HEATHER SERVICEZMAC

122365

MARWELL AFIG AL STATION NAME

**;** - ··

### PSYCHROMETRIC SUMMARY

CCI

1

PAGE 1 5953-1155 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin .... 27 • 1 ·6/ 85. 9 • 1 10 15 927 91 :3. - ./ 79 • 2 . 1.2 1.1 1.6 .8 1.0 • 3 60 50 1 .5 1.3 1.7 1.8 7-1 77 •2 1.6 1. 71. 71. 1 • 3 751 73 .5 1.5 2.7 1.4 . 3 • 1 • 1 73 15. 1 \*1 1.2 1.0 1.5 1.5 1.0 .9 \*3 1.5 1.1 2.3 .9 1.6 1.0 74/ 75. . 6, 16. 75. . 6 e, 7.8 20 4 t • 1 7.1.69 .4 1.3 1.2 1.4 1.7 1.4 1.1 • 3 <u> 7</u> 2. 73. 56 42 • 3 .2 1.5 .8 1.7 .9 1.4 74 5-1 57 72 28 72 +6/ 65 1.1 1.4 1.6 33. 34 • 0 .4/ 13 .9 1.1 1.2 1.5 1.7 . 1. 72 7.2 90 65 b2/ 61; -3 1.5 1.2 1.1 11 5 4. 5 9. 56 • 2 53/ 59 .6 1.4 1.6 • B ٠1 71 83 597.57 •<u>5</u> 1•<u>5</u> • 7 67 7.7 37. 34 - 5 55/ 55 . 7 58 24 52 347 53 ...<u>3</u> .. <u>.2</u> • 6 13 79 58 51 ~1 49 £ 56 TC/ 49 • 2, • 2, 49 46 4-1 47 44 45/ 45 55 44/ 43 49 92/ 41 51 29 41/ 2 1 37. 22 747 35 25 34/ 33. 15 121 31 10 74/ 29 †ाउद्देश · 2 4 · 71 J · 91 3 · 71 8 · 41 9 · 41 6 · 21 0 · 1 4 · 5 1 · 3 727 927 Element (X) 7 \*\* No. Obs. Mean No. of Hours with Temperature 59.915.483 69.2 7.866 ≥ 67 F = 73 F - 80 F 3534379 55413 927 4501948 64188 Dry Bulb 927 57.7 34.0 9.0 Wet Bulb 3458232 56154 **60.6** 7.821 927 23.1 . 3 9 7 6.2 Dew Point 2793349 49941 53.910.538 927 93 

A 0.26-5 (OLA) style nervous torrons or this H

AFETAC NOW 0.

GERMAN CUIMATOLOGY RHANCH USAFETAC AIZ WEATHER SERVICEZMAC

# PSYCHROMETRIC SUMMARY ;

STATION NAME

PAGE 1

Temp.		WE	T BULB T	EMPERATUR	E DEPRESSION	F)				TOTAL		TOTAL	
(F)		-6 7-8 9-1	0   11 - 12   1	13 - 14 15 - 16	6 17 - 18 19 - 20	21 - 22 23 -	- 24 25 - 26	27 - 28 29 - 1	30 ≥ 31	D.8./W.B. D	ry Bulb W	et Bulb De	w Po
437 81	• 1			•	1			•		. 1	1		
<u>· / 7°</u>	٠٠٠ - ا	•1							-+			.1	
72/ 77										ŧ.	b.	1	
76/ 75	.4 .5	• 2 • 1								12	12	4	
74/ 73	1.7 1.4	•5	. 1							3.5	35	10	
72/ 71	1.5.2.7	.9 .3 .	<u> </u>	<u>•?</u>						4 7	47	27	2
121 63	.2 1.5 2.1		1	• 1						49	# 0	29	ä
5-1 67.		- +	1	• -						<u> </u>	5.3	45	3
16/ 65	.6 7.9		?							5.3	è 1	3.2	
<u> 4/ 63</u>	1.6 7.3		2 2						- <b>.</b>	71	71	5.5	:
5.7 61	2.9 4.4									2 I	+1	63	•
. / 59		<del></del>	· ?							. 8 <u>1</u>	<u> </u>	86	
37 57	2.3 2.5									ن ۴	ьЭ	<b>4</b> 5	•
5 / 55.			4							<u>= 2.</u>	₫ 🗓	50	
4/ 53	1.3 3.5									ξÿ	40	56	
27 51.	1.5 3.2	- ++	?							59	- 59	53	
. / 49	1.2 7.7	.8 .1								4 4	44	72	
12/ 47.	•1 1•5 1•°				<b></b>				<b></b>	41	<u> 41</u> .	54	
45/ 45	1 1.3 1.2	• 7								3.0	30	59	:
44/ 43	•5 1.7	• 3								24,	24	33	
27 41	• ] • 5	• 1								Ý	9	26	9
							+			<u> </u>		23	
14/37	• W				1					4	4.	14	
3/ 35				+	<del>-</del>						1		
14/ 33	1			•	1 :							1	
<u>'21 31.</u>					++			<b></b> -					
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				1	1	İ		1					
lement (X)	2 1	Z <sub>x</sub>	¥		No. Obs.			Mean No. of	Hours with	Temperatu			_
el. Hum.	5761946	72065	+	13.661	918	± 0 F	≤ 32 F	≥ 67 F	₽ 73 F	▶ 80 F	▶ 93 F	Tot	- I
ry Bulb	3236768	54334		8.748	918			21.4	5.7	. 1	1		
et Bulb	2898755	50945		8.832	918			11.9	1.6		+		,
ew Point	2607302	48058		9.985	918		1.2		- 9		<u> </u>		

USAFETAC NOM 0.26-5 (OLA)

DE MAL CLIMATOLOUM LRANCH MARETAC AIM AFATHEM SERVICEMAC

# PSYCHROMETRIC SUMMARY |

STATION		STATION NAME					Y	EARS				MONT	TH
										PAGE	1	1300-	<u>115</u>
Temp.			WET BULB	TEMPERATU	RE DEPRESSION	I (F)				TOTAL		TOTAL	
(F) -	0 1 2 3 -	4 5-6 7-8 9					- 24 25 - 26	27 - 28 29 -	30 = 31	D.B./W.B. D.	y Bulb	Wet Bulb D	Dew P
76/ 75	*		-	1						1	1		
747 73	2.6.1			.1		1		i l	1		<u>5</u>		
72/ 71	.5 2.6 1		• 6		<b>*</b>	1		1		1.0	10		
71/69	2.1 3.	1 .5, 1.0[_							i	13	13		
551 67	.5 2.1 1.					1		1	-	9	9		
36/ 55	2.6 3.	• t • 5						i i		1 3.	13		
64/ 63	2.1 4.	. 1			+	<del></del>		+	-	12	12	12	
627 61	2.5, 6	. 2. • 5 <sub>1</sub>							1	16.	18	16	
63/ 59	2.6 4	.6 1.5	• 5							l t	19		
54/ 57	1.5 2.	6 1.3						i		1.0.	10	. 15.	
56/ 55	2.1 3	· 1.0 ·5			.,	-				14	14	13	
54/ 53	2.1 2.	· 6. • 5.						<u>.</u>	1	10	13	. 13.	
52/ 51	1.0 4.	1 1.5			1				•	1.3	1.3	9	
5 1/ 40	1.7.2	<u>6 •5                                    </u>								- B.	٠.	. 10	
4-1 47	2.6 2				,		•			13	1 *	12	
46/ 45	2.1.4									15	15	14	
44/ 43	-	•0 •5								3	?	8	
42/ 41		.5								4	4	. 12	
43/ 39	• c			. [					i	1	1	ô	
3H/ 37	• <u>*</u>			<u> </u>	1	<b></b>		; <del> </del>		1	1		
36/ 35		i			1 !							1	
34/ 33		<u> </u>			· · · · · · · · · · · · · · · · · · ·	<del></del>		<del></del>					
72/ 31				. I	i i	1		,					
TAL .	1.034.049.	112.4 2.1 1	•7 •5	·	<del>-</del>			·			194	+-	_1'
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	·						<u> </u>			<u> </u>			_
lement (X)	Z X '	z <sub>X</sub>	X	<b>₹</b> 1	No. Obs.			Mean No. o	Hours wit	h Temperatur	•		
el. Hum.	128144			8.935	194	10F	± 32 F	≥ 67 F	≥ 73 F	+ 80 F	» 93 f	F To	otol
by Bulb	6734			9.020	194			19.7	4.1			1	
fer Bulb	60381			9.223	194			13.4	. 5	L			
Dew Paint	55131	10148	52.3	10.302	194		1.0	9.6					

0.26-5 (OLA) BYISE MEYIOUS EMPONS OF THIS FORM ARE OBJU-

USAFETAC OUT 0.26-5 (OLA)

SECRAL CLIMATOLOGY SRANCH UNATETAC AIR MEATHER SERVICE/MAC

7.72.765 MAXWELL 4FB AL STATION NAME

# PSYCHROMETRIC SUMMARY {

																P 4 G F		HOURS (L	. S. T.
Temp.							EMPERAT									TOTAL		TOTAL	
(F)	0 1 - 2	3 - 4	5 - 6	7 - 8	9 - 10 1	1 - 12	13 - 14 15	16 17	- 18 19 -	20 21 -	22 23	. 24 25 -	26 27	- 28 29 -	30 + 31	D.B. W.B. [	ry Bulb	Wet Bulb (	Dew P
44/ 83		Ĭ				• 7		ī		_ ,				F		1	1		
27 91.			• 5	1.2	1.3											1.	ΞÌ.		
33/ 79		1.2		2.7				•			•	. •	•	- 🤫	•	. 44		•	•
76/ 77		7 7 . 3	3.3	7.5	1 - 9.	. 1										46	96	,	
10/ 75	•2 1.				1.2		• 2									123	103	- <del>- 1</del>	
747 73	.5 1.		-	- 1	, ,		• 2.									. 11.	11	_	
72/ 71		ا ﴿ وَا			- <del> </del>	• -			+					-	*	76	76	92	
70/ 59		5 3.7			. 7		• 2									•	-	-	
0/ 67	• -	P 1.7	+	•- •	5		.• •	•	+	٠		•	• •			. 24.	<u>4.</u> ₹0	90	1
6/ 65	-	5 9				•										•	•	_	
4/ 53		2 1.7			- + +				+				•			. <u></u> 23	<u>21.</u> - 23		
. <b>77</b>   <b>3</b> 3	•				• :		-										-	44	(
10/ 59		·• <del>•</del> -	• 5			• 4	• 5		+	•	•		•			1 <u>i</u>	13.		
31/57		• /														, , ,	-	22	
5/ 55	•	. • 🚉	1.2	• 2	•	<b>≛</b> €.	<b> ?</b> ,		+-	•	•	• • •	•		•	. 11.	11.	22,	
197 53 147 53		• `	• •			• 4											7	7	
2/ 51		• •		· - +					-	•	•		-		+	· —		9	
		•															1	6	
/ 69						-+												. 8.	1
4-7-47																		4	
16/ 45 14/ 43		· +- ·							+					-+					
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34/ 33		i																	
2/ 31				٠ ٠							_ +					·			
76/ 74			i																
TAL	_ •5, 7•	<u>026.5</u>	27.3	23.5	9.9	3.7	1.3	+ -	-+-	+ -	- 4				- +	+	622		61
1		1														6 D D		603	
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lement (X)	2 X,		<del>-</del>	Z X		X	* <u>a</u>	+	o. Obs.			,				th Temperatu			
I. Hum.		62327		437			11.211		603	<u> </u>	0 F	9 32 1		≥ 67 F	• 73 F	▶ 80 F	→ 93 F	<del></del>	etaí
ry Bulb		08478		4360			5.725		600	$\rightarrow$				77.9			<b></b> _		
et Bulb		02082		4010			5.95		600			ļ		55.8	_12.9	9	<u> </u>		
ew Point	24	34367	j	3791	19 6	3.2	7.564	•l	600	1			- 9	34.4	4.5	5		I -	

JEUPAL CEIMATOLOGY BRANCH JUNASETAC AIP MEATHER SERVICE/MAC

MAXWELL AFB AL

722265

#### PSYCHROMETRIC SUMMARY

SEP MONTH

STATION STATION NAME 1808-2000 HOURS (C. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 90/ 89 11 11; • 1 387 47 36/ 35 1.0 1.2 1.8 . 1 47 4 7. . 8 847 83 . 8 7.5 82/ 31 .1. 1.2 2.0 2.9 2.1 1.1 94 16/ 79 1.6 2.4 2.7 3.7 139 . 6 78/ 77 2.6 2.8 4.1 1.7 . 9 - 3 123 123 767 75 1.0 2.9 2.3 3.0 1.9 1.0 113 10 113 74/ 73 72/ 71 . A 1. 4 3.3 1.2 1.6 39 89 145 44 . 7 3.0 1.8 1.6 • 6 52 82 159 87 .7 1.8 70/ 69 143 . 9 - 8 . 2 • 2 . 2 4 7 47 95 55/ 67 35 35 109 110 06/ 65 . 2 . 4 16 72 • 1 16 142 547 63 . 1 • Z 72 99 521 61 34 67 . i ou/ 59 28 55 57 . 3 12 12 20 45 567 55 • 2 34 54/ 53 15 23 29 7 527 51 12 51/49 48/ 47 46/ 45 15 44/ 43 42/ 41 40/ 39 38/ 37 36/ 35 2 34/ 33 2 32/ 31 899 TOTAL .1 4.215.618.918.017.110.9 8.2 4.6 1.4 899 ZX, No. Obs. Mean No. of Hours with Temperature Element (X) 65.714.014 76.4 6.394 60.3 5.774 Rel. Hum. 4053557 899 \*67 F \* 73 F \* 80 F 59039 67.8 Dry Bulb 68657 84.2 29.3 90 Wat Bulb 4218252 61362 899 62.9 90 57052 3672414 899 39.8 90

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A) BEVISED MEVIOUS EDITIONS OF THIS FORM ARE OBSOLET!

C 1081 0.26-5 (OLA)

SLUPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

																	PASE	1	1570-	
Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (	F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 29	- 30 × 31	D.B./W.S. D	ry Bulb 1	let Bulb C	ew Poi
100/ 99		1							!					. 4	. 1		5	5	•	
98/ 97		1	Į.											i _i	- 1		1.0	<u>13</u>		
96/ 95		•	•								. 3		• 7	• 2			15	1 =	•	
94/ 93					1		:		1	1.1	2.1	1.0	3	2		1	. 44	<b>4</b> 5i		
22/ 91			•——				•	. 4	1.8	2.9	1.6	. 4	. 1		• 2		67	67		
907 39							3	3.8	. 2.6	2.4	. 8	1.1		• 1	, ;	,	100.	100.		
38/ 87		•	*		•	. 9	7.5				. 7		. 1			•	101	101		
96/ 85				- 1	7	1.4	1.6	3.0	1.4	1.4	. 1	2		·	1 :		. 90	92		
84/ 83		•	•	• 6			2.1				. 4	. 1					₹5	85		
32/ 91		1	• 2	• 6	1.1	1.9	. 6	1.2	. 8	1.1	. 3				i		. 75.	75.		
90/ 19		• 1			1.3					. 6	• 2			1			67	67	3	
73/ 77		- •	1.0	1.4	1.3	. 3		. 8	. 9	. 9	. 1		l		<u> </u>	:	. 66.	66.	4 8:	
76/ 75		. 3		1.7		1.2											60	60	126	1
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70/ 69		• 1	1.6	• 3	. 2		• 1		• 2								. 23	2.7	91	9
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38/ 37		i	1		!									<u>.</u> [						
TOTAL		. 8	7.1	8.5	7.5	9.3	9.9	15.5	13.9	13.6	7.2	4.1	2.0	1.3	. 3		1 1	907		89
-			:				• • • •										899		899	
Element (X)		2 x'			ZX		X	**		No. Ob	a.				Meen No.	of Hours wit		re		
Rel. Hum.			7796		472	32	52.5				99	10	F	± 32 F	≥ 67 F	≥ 73 F	▶ 80 F	• 93 F	T	otel
Dry Bulb			4624		748		83.1				00		$\neg$		87.5	+	62.9	7.	5	9
Wet Bulb			6597		630		70.1			8	99				69.	+	+			9
Dew Paint			1685		564	-	62.8				99				34.2	<del>+</del>	+	1	+	9

OL A) REVISED MEYICUS EDITIONS OF INS FORM ARE O

0.26-5 (O) A)

SLOBAL CLIMATOLOGY BRANCH USAFETAG ATH WEATHER SERVICE/MAG

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### PSYCHROMETRIC SUMMARY

STATION HAME 722265 STATION 1200-1400 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 a 31 D.B./W.B. Dry Bulb Wet Bulb Dow Point 1.4 4.7 4.7 7.717.911.416.316.912.9 7.7 3.1 1.6 1.3 920 900 900 Z X' No. Obs. Mean No. of Hours with Temperature Element (X) Total 51.814.446 84.0 7.533 70.7 5.638 2597475 6400917 46575 75597 900 s 32 F ≥ 67 F = 73 F = 80 F = 93 F Rel. Hum. 505 Dry Bulb 900 87.6 83.3 67.7 63633 69.7 Wer Bulb 4527641 900 45.0

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0.26-5 (OL A) REVISED REVIOUS EDITIONS OF

- 3

C 1084 0-26-5 (OL

SLOBAL CLIMATOLOGY SHANCH USAFETAC ATP WEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

MAXWELL AFE AL STATION HAME PASE 1 1277-1417 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wer Bulb Dew Poin (F) 1 12/1 11 10/ 99 78/ 97 • 1 11 11 96/ 95 10 16 94/ 93 • 3 421 01 3,7 80 1.0 5.0 1.8 . 3 136 106 18/ 37 .2' .9 2.9 1.8 2.1 1.2 126. 65/ RS ¥ 3 14/ 33. 1.7 1.8 1.8 1.4 1.3 1.7 9.7 92 .7 1.7 1.7 -4 1.6 1.4 7.6 79 . 175 .2 .4 .7 1.4 47 47 . 8 .4 .4 .2 1.1 73 1 37 37 101 75 .5 1.0 .7 1.7 59. 5? 191 9 747 73 33 .6 .3 .4 34 • 9 33 178 2011 • <u>1</u> .2 .3 23 112 96 • 7 7.1 69 • 1 11 11 65 129 \* 3/ 67. • l 129 68 102 N4/ 53 -1 521 61 .2 .2 55 59 4 4/ 57 22 55/ 55. 10 91 4/ 53 8 23 26 51 / 49 20 45/ 47 23 8 44/ 43 12/ 41 43/ 34 Mean No. of Hours with Temperature Dry Bulb Dew Point 

75-84

ULCHAL CLIMATOLOGY FRANCH USAFETAC AIN WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

722265 MAXWELL AFB AL 75-84 YEARS PAGE 2 3900-1100 HOWRS (C. S. T.)

Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 . 2 | 3 . 4 | 5 - 6 | 7 - 8 | 9 . 10 | 11 . 12 | 13 - 14 | 15 . 16 | 17 - 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point 1.8 7.713.418.820.016.012.6 5.9 2.4 1.1 TOTAL 930 900 900 920 Element (X) Z<sub>X</sub>' ZX 7, No. Obs. Meen No. of Hours with Temperature ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Rel. Hum. 61.613.137 2 0 F s 32 F Tetal 3571980 55450 900 71224 62671 79.1 6.812 69.6 6.075 64.3 7.957 Dry Bulb 5678230 74.9 900 65.4 47.2 4397241 Wer Bulb 900 64.8 37.7 97 7.7 Dew Point 3774997 900

DEM 0-26-5 (OLA) REVISIO MEVICUS FORTICENS OF THIS FORM ARE OS.

SECRAL CLIMATOLOGY RANCH USAFETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

SEP

MAXWELL AFR AL STATION HAME 7.2265 STATION PAGE 1 5900-1100 HOURS (L.S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 36/ 95 • 1 44/ 93 92/ 91 • 1, . 6 • ? 15 15 93/ 89 34 34 1.3 2.4 2.0 58/ 87 - 1 - 1 50 60 367 85 1.0 2.7 2.9 2.3 6.7 . 3 67 44/ A3 .6 3.1 3.9 2.0 - 3 96 96 :27 81 -4 1.9 3.6 3.2 1.7 1.1 115. 115 801 79 -4 2.1 3.8 2.6 1.6 1.7 113 110 6 75/ 77 1.1 3.1 2.4 · R 1 . 3 93 . 8 . 6 93 9.7 76/ 75 .6 1.2 1.1 1.6 1.6 1.4 1.1 . 6 32 21 82 135 74/ 73 •4 1 • 6 • 3 1 • A 188 51 72/ 71 1.1 1.2 . 6 134 113 721 59 . 6 1 . 1 • 3 . 9 39 83 135 68/ 57 . 3 • 1 . 4 17 • 1 - 1 17 • > 56/ 65 98 . 3 70 20, 54/ 63 . 3 • 2 . 3 11 11 60 58 52/ 61 38 49 • 2 63/ 59 • 1 3 21 46 58/ 57 56/ 55 <u>58</u> 39 \_ . 3 10 16 54/ 53 13 52/ 51 15 56/ 49 18 46/ 47 15 46/ 45 9 44/ 43 6 42/ 41 43/ 39 38/ 37 361 34/ 33 12/ 31 Element (X) Mean No. of Hours with Temperature 5 0 F s 32 F ≥ 67 F = 73 F = 80 F = 93 F Dry Bulb Wet Bulb Dew Point 

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GLUFAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MAC

MAXNELL AFB AL

STATION NAME

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#### PSYCHROMETRIC SUMMARY

SEP

1085 (L. s. T.) PAGE 1 TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 1t - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin (F) 34/ 93 227 81 AU/ 79 .5 1.3 1.4 35 78/ 77 .7 2.7 1.9 59 59 76/ 75 1.0 4.9 5.2 1.9 . 4 6 122 122 15 74/ 73 3.3 5.9 5.7 72 144 144 721 71 3.8 7.6 3.1 1.2 . 3 145 145 170 139 73/ 69 -1 1-3 6-2 1-4 1-9 . 7 109 152 121 .6 2.8 2.9 68/ 67 . 7 . 6 69 69 133 114 66/ 65 1.4 2.2 1.9 120 88 63 6 3 .5 1.6 1.3 64/ 63 • 1 • 1 40 40 63 104 627 61 1.7 34 61 63/ 59 1.1 • 1 35 25 57 50 • 3 58/ 57 41 15 15 61 56/ 55 • 1 . 4 . 2 21 49 • 1 11 11 54/ 53 . 1 • 6 22 26 52/ 51 . 6 • 1 22 50/ 49 48/ 47 • 1 46/ 45 44/ 43 42/ 41 38/ 37 36/ 35 32/ 31 30/ 29 24/ 23 TOTAL .314.939.227.312.3 4.7 2.1 900 961 900 ZX, No. Obs. Meen No. of Hours with Temperature Element (X) Rel. Hum. 77.211.032 10 F ± 32 F ≥ 67 F 2 73 F 900 5465332 69448 Dry Bulb 4468621 63171 70.2 6.208 900 68.9 36.6 2.0 65.5 6.574 3903748 58978 900 Wet Bulb 49.3 8.8 56270 62.5 8.151 900 Dow Point 3577852

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMAR'

MAXWELL AFB AL STATION HAME 76.78-64 SEP 1300-0501 HOURS (C. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 0 31 | D.B./W.B. Dry Bulb | Wer Bulb | Dew Poi (F) 75/ 77 .9 .9 .5 3.8 1.9 76/ 75 73 2.9 5.7 2.4 25 25 8 721 71 6.113.2 4.2 70/ 69 1.917.9 1.4 31 31 31 21 .9 5.7 3.3 1.9 2.4 2.4 br/ 67 . 5 56/ 65 15 31 2 15 .9 2.8 1.4 .5 1.9 2.4 1.4 1.4 64/ 63 19 12 52/ 61 13 637 59 .5 1.4 .9 20 53/ 57 .9 .9 4 4 8 50/ 55 10 54/ 53 . 9 1 ( 52/ 51 • 5 50/ 49 46/ 47 46/ 45 44/ 43 42/ 41 40/ 39 36/ 35 30/ 29 28/ 27 .519.851.420.8 4.2 1.4 1.9 TOTAL 212 21 Meen No. of Hours with Temperature No. Obs. Rel. Hum. 79.610.100 212 = 67 F = 73 F = 80 F = 93 F 1366349 16885 14450 68.2 5.878 13617 64.2 6.672 Dry Bulb 62.8 19.3 992203 212 Wat Bulb 884027 40.3 212 4.2 13045 61.5 8.388 Dew Point 817545 212 26.7 

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26-5 (OL A) REVISED MEYIOUS EBITIONS OF THIS FOUN ARE OBSO

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SLUBAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMAR**

7 22265	4 4	XWEL	L AF		TATION N					75-6	3 4				ARS					A	US
STATION				•	TATION N	AME								,,,	AN. 9			PAG	£ 1	2190 Hours II	-2
						WET		754850	ATUR	E DEPRES	SION /	<b>6</b> \						TOTAL	1	TOTAL	
Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18 1	9 - 20	21 - 22 2	23 - 24 2	5 - 26	27 - 28	29 - 34	0 + 31		Dry Buib		Dew
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Element (X)		Z X'			ZX		X	**		No. Obs					Mean No	o. of 1	Houre wid	Tempera	ture		
Rel. Hum.		380	2031		482	61	77.8	8.5	62	6.7	20	10 F	5	32 F	≥ 67	F	≥ 73 F	> 80 F	≥ 93	·   _ '	Tot
Dry Bulb			0595		481			3.0	36	62	20 ]		$\perp$		93	. 0	89.7	26.	6		
Wer Bulb			5512		449		72.5	7.6	41	62	$\overline{}$				90	. 3	48.2				
Dew Point		305	1849		434	51	70.1	3.2	91	62	20				81	. 3	24.5				

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GEORAL CLIMATOLOGY RRANCH USAFETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMA**

12265 STATION		XWEL			TATION N	AME				<u>75-</u>	07_			ΥĒ	ARS					AUG MONTH
																		PAG	F ]	1 # 70 - 2 Hours (C. s
Temp.						WET	BULB 1	TEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	2 31	D.B./W.B.	Dry Bulb	Wet Bulb Des
55/ 95					1		Ţ			• 1	• 1			1			1	ê	2	•
74/ 93					ļ <b></b>	<u> </u>	i +	-	2	-2		L	<u> </u>	·				. 4.		<b>4</b>
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38/ 87		<u> </u>	·		<del></del> ,	- 3	1.2	1.3	• 5		1	<del></del>	+	<del></del>			+	<u>. 3e</u> .		
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· . / 81		. 1						5		. • 1								135		
79		- <del> </del>	2.3	4.1	4 . 5	1.7	9			+							•	173	_	
75/ 77						• 2													169	
76/ 75	• 1	1.2	3.9	2.6	. 9					-								9 2	<u></u>	
74/ 73		2.5								: .								. 53	5.3	-
727 71		- 3	. 4	. 5								,						12		
721 69						!	·			, 						. — . ~	.4.			. 82.
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36/ 65																				. 13
64/ 63																				
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Element (X)		Z X I			Σχ		X	• 4		No. Obs	• 1				Mean N	e. of t	lours wit	h Temperet	ure	·
Rel. Hum.		959	5920		643	36	69.4	11.7	61	9	28	1 0	F 5	32 F	± 67	P	73 F	■ 80 F	• 93	F Tere
Dry Bulb			0848		756			4.5			29				93		91.5			. 6
Wet Bulb			5321		684		_	2.7			28					• 7			<u> </u>	
Dew Point		457	3634		650	6.6	70.1	3.5	<i>3</i> 5	9	28				8.0	.5	24.5	1		1

SLURAL CLIMATOLOGY SHANCH USAFETAC AIR SEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMA

7.2.2265	<b>M</b> .	AXWEL	L AF	B AL						<u> 75 -</u>	84									O (
STATION				5	TATION N	AME								4	EARS			PAG	E 1	1230
Temp.						WET	BULB 1	EMPE	RATURE	DEPRE	SSION (	F)						TOTAL		TOTAL
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8							-	23 - 24	25 - 26	27 - 28	29 - 30	) = 31		Dry Bulb	Wet Bulb
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90/ 89		!	-	:	i		. 1				• -1	. 1			1	]		9	i	
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327 81				• 5				3.1		1	- 1	. 2		_	-1	-		107		
3./ 79		. 1	<del> </del>	. 4		+				9		• 2		+	+		+	74		
7:1 77		• 1.						2.6		_	- 1	_		į	1		1			-1
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72/ 71		• 2								:					1			82		-
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Element (X) Rel. Hum.		~ X ·			- 1		<u> </u>	<b>*</b> *	-+-	Me. Ub	<u>.</u>	501		≤ 32 F	Meen 1		2 73 F	- 80 F	≥ 93	F 1
Dry Bulb						-+			-+			3 0 1	_	2 32 F	- 6/	-	- /3 -	- 50 F	<del>- 73</del>	· - <del>  '</del>
Wet Bulb						+			-+		+		+		+	$\dashv$		+	+	<del></del>
Dew Point						-			-+-		+		+		+			+	+	-+
DEW POINT															1			1		

FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OSLOVET

SAFFIAC NOM ....

SECORAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMA**

722265 STATION MAXWELL AFS AL MONTH 1270-14 HOURS IL. S. PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew (F) 2.7 5.3 5.4 5.3 9.712.521.317.912.6 6.4 1.5 927 927. 927. ZX No. Obs. Element (X) Meen No. of Hours with Temperature 48.016.398 75.2 7.572 62.5 7.227 44494 69753 927 Rel. Hum. 2384616 5301729 1 0 F ± 32 F ≥ 67 F = 73 F > 80 F = 93 F Dry Bulb 81.3 59.7 31.7 57931 3668645 927 Wet Bulb 33.9 8.6 Dew Point 2706921 49043 52.911.012 927 10.2 

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0.26-5 (OLA) nevised mericus entrons of this folial and obsolete

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VFETAC FORM O

GLURAL CLIMATOLOGY HRANCH USAFETAC ATH WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMAR

722265	M A	AWEL	L AF	B AL						75-	84									<b>M</b> .	AY
STATION				5.	TATION N	AME				-		-		7	EARS				_	MON	TH
																		PAG	E 1	HOURS IL	- <u>() 8</u> . s. 1
Temp.										DEPRE								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 2	4 25 - 26	27 - 28	29 - 30	231	D.B./W.B.	Dry Bulb	Wet Bulb	Dew
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74/ 73		. 8										<del> </del>	<del> </del>	<del></del>	+	-	<del> </del>	59	<del></del>		
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70/ 69	• 1	1.9	5.6				• 2					<del> </del>	<del> </del>	+	1		<del> </del>	120			
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52/ 61		1.5	7.9	1.5	1.1	. 3	•					•	1		†		-	5.8	+		1
63/ 59	<u>•</u> 1	1.7	2.2	1.9	. 4		:			i		1	İ	1	!			52	- 1		
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50/ 55			1.0		. 3							_						23	23	47	
54/ 53			1.1		• 2							:	-	,	•			18			
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Element (X)		Zx'			Z X	<del></del>	¥		<del></del>	No. Ob	s. J			<del></del>	Mean P	lo. of H	ours wid	h Temperat	lure		_
Rel. Hum.			0128	·	703	9 3		10.9	42	9	30	10	F	1 32 P	≥ 67		73 F	- 80 F	• 93 F	T	otal
Dry Bulb			9626		627			6.1			30				56		19.5	<del></del>	<del></del> -		_
Wer Bulb			2579		582			6.0		9	30		1		26		2.2				
Dew Paint		332	2133		551	85	59.3	7.1	53	9	3 D				16	• •	• 3				

1-26-5 (OL.A) REVISED MEVIOUS EDITIONS OF THIS FORM AR

0.26-5 (0)

SAFETAC

SLUBAL CLIMATOLOGY BRANCH USAFETAC AIN WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMA**

MAXWELL AFB AL STATION NAME 722265 75-84 PAGE 1 0900-11 HOURS (L. S. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.S./W.S. Dry Bulb Wet Bulb Dew 92/ 91 3 . 1 41/ 89 33/ 87 . 1 26 - 6 - 1 26 96/ 85 •9 1 • 3 41 44/ 83 .5 1.7 1.1 1.1 • 5 . 1 51 51 42/ 81 1.5 2.2 3.0 99 99 3J/ 79 .9 2.2 3.1 1.7 2.2 1.0 • 1 129 109 1 .2 1.2 3.5 2.5 2.4 1.6 .4 2.4 3.2 2.7 1.3 1.5 75/ 77 118 113 70/ 75 1.5 . 1 119 119 26 74/ 73 .6 1.9 .9 1.7 1.9 31 81 84 1.4 2.3 1.5 1.0 1.0 . 3 . 6 ۹1 81 91 . 9 73/ 69 1.5 1.5 1.3 . 6 59 69 124 58/ 67 1.6 1.4 . 2 49 49 143 <u>•</u> 9 \_ 9 66/ 65 • 2 - 6 34 34 120 • 3 54/ 53 • 5 • 5 • 2 . 1 • 1 23 23 110 62/ 61 . 4 • 2 13 98 50/ 59 49 50/ 57 • 1 40 56/ 55 25 54/ 53 52/ 51 55/ 49 42/ 47 46/ 45 44/ 43 42/ 41 43/ 39 13/ 37 16/ 35 34/ 33 TOTAL 1.9 7.512.916.219.416.012.5 A.1 3.3 1.6 930 930 ZX Z x' Element (X) Y \*\* No. Obs. Mean No. of Hours with Temperature 54696 3596494 5398234 58.813.907 75.9 6.301 2 67 F = 73 F = 80 F 930 85.5 Dry Bulb 76612 65-6 28-6 Wet Bulb 4D85168 61428 66.1 5.465 930 47.1 11.3 Dew Point 3377868 55604 59.8 7.578 930 18.6 . 8 

(Th.\_

0-26-5 (OLA) BEVISED MEVIOUS EDITIONS OF THIS FORM ABI

SAFETAC POPE

SLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

MAXWELL AFB AL

#### PSYCHROMETRIC SUMMARY

MAY

1200-1400 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.8./W.B. Dry Bulb Wet Bulb Dow Point (F) 96/ 95 • 1 94/ 93 1.3 92/ 91 27 . 2 1 . 1 90/ 89 53 5 3 . 6 .2 1.4 1.3 2.5 1.3 .5 1.6 3.2 2.0 2.5 38/ 37 77 77 .5 1.5 3.2 1.7 2.3 2.7 96/ 85 113 110 34/ 83 1.8 1.9 115 115 32/ 81 1.4 2.8 1.9 2.2 111 111 50/ 79 .8 2.2 1.5 1.8 1.6 1.4 93 9 1 70/ 77 2.0 1.3 1.4 P 4 94 ы 1.2 1.1 1.0 1.0 1.1 . 8 .1 1.5 75/ 75 72 72 53 • l ુ જો 74/ 73 . 3 1.1 44 44 8 8 72/ 71 . 1 . 3 . 5 41 125 . 2 - 5 . 1 41 15 75/ 69 - 4 . 3 • 9 • 5 . 4 35 135 56 50/ 67 . 3 25 130 • Z . 2 . 1 82 • 1 567 55 . 5 20 117 104 1.1 20 • 1 64/ 53 91 107 94 527 51 90 51/ 59 1 46 79 56/ 57 31 69 55/ 55 68 16 34/ 53 4.5 54/ 51 34 50/ 49 57 40/ 47 43 46/ 45 25 44/ 43 42/ 41 19 40/ 39 10 38/ 37 35/ 35 34/ 33 32/ 31 No. Obs. Mean No. of Hours with Temperature Element (X) ≥ 67 F = 73 F = 80 F = 93 F Ret. Hum. Terel Dry Bulb

TO THE RESIDENCE AND ADDRESS OF THE PROPERTY O

75-84

CTA.

NORM 0-26-5 (OLA) REVISEO MEVICUS EDITION

Wet Bulb Dew Point

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122265

SLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

22265 STATION	44	XWEL	L AF		TATION N					75-	84				ARS					МОН	A Y
STATION				•	TATION N	AME								,_				PASE	?	1230-	
Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	29 - 30	• 31	D.8./W.B. D	ry Bulb	Wet Bulb	Dow Poi
OTAL		1.6	3.4	5.3	ν.1	9.6	5 1 4 • 3	15.2	16.3	14.0	8.2	2.8	1.8	. 4				930	930	930	
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Element (X)		Z X'			ZX		X	**		No. Ol								Temperatu			
Rel. Hum.		251	5523		463			1 9			30	10	5 5	32 F	+ 67		73 F	- 80 F	• 93 F		Tetel
Dry Bulb			6686		747			6.7			30				89	_	79.8	55.8		2	9
Wer Bulb			4430		624			5.2			30				53.		14.5				<u> </u>
Dew Point		327	8759	!	547	31	58.9	7.8	E 79	9	30		- 1	- 1	15.	. 5i	- 5	• 1	.I	- 1	9

SUBRAL CLIMATOLOGY RHANCH GRAFETAC AIR WEATHER SERVICEZMAC

#### **PSYCHROMETRIC SUMMARY**

122265 STATION	MAX	w E L I	LAF		ATION N	AME				75-	84				ARS					MON	
																		PAGE	1	1500-	-170
Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0 1	. 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	<b>a</b> 31	D.B./W.B.	ry Bulb	Wet Bulb	Dew Pe
94/ 95								,			. 7		• 2	. 1				6	b		
921 91				:				- 1	• 6	. 6	. 9	. 2		.1				2.2	22		
72/ 84			<b>-</b>				• 3	• 3	1.5	1.3	. 5	. 4						4 3	4 3		
40/ 37					1		1.0	1.5	2.5	1.7	1.1	. 4	. 9	ل <u>ر</u> 				84	84		
16/ 85		•	·			• 2	1.7	1.8	2.5	2.3	1.4	. 8						99	99		
14/ 85					. 1	- 6	1.5	7.4	2.0	2.3	1.4	. 9	• 2	1				116	116		
-21 81				• 2	. 6	1.7	2.6	2.2	1.8	2.3	1.0	. 4	. 1	.[	'		1	129	129	1	
34/ 79				• 3	1.6	1.2			1.3				<u> </u>	Ì				32	9.2		
78/ 77			·	. 4		1.4			1.5					1	ļ i		1	95	95	T	
76/ 75			. 4	1.0	1.2	1.1			1.0		• 2		-	↓	1			77	77	20	
74/ 73		• >	. 9	1.2	• 6	. 5			6	• 2	• 2				1		i	50	50	90	
721 71		• 5		- 4										-				. 76	26	135	1
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OTAL		1.8	4 . 3	5.6	8.5	B . 3	11.3	19.6	15.4	15.4	9.6	3.1	1.9	• 2			ļ		930		9.
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Element (X)	Σ,	<del>,                                    </del>			E X	$\top$	X	<b>*</b>	<del>'                                    </del>	No. Ob	s.				Meen N	le. of H	ours with	Temperatu	10		
Rel. Hum.		254	2397		463	93	49.9	15.6	69	9	30	<b>£</b> 0	F	≤ 32 F	× 67	F	73 F	= 80 F	▶ 93 F	T	etal
Dry Bulb			2610		746			6.4			30				90	• 3	81.3	54.6	<b>N</b>	. 6	
Wet Bulb			9162		622			4.8		9	30				51	. 8	11.7				
Dew Point			3041		545			7.7			30			• 1			• 7				

0-26-5 (OLA) #VISO MEVISO MEVICUS 10

ETAC NOM 0.26-5 ((

SLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

772265 MAXWELL AFB AL STATION NAME

#### PSYCHROMETRIC SUMMARY |

MAY

1800-2000 HOURS (L. S. T.) PAGE 1 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 a 31 D.8./W.B. Dry Bulb Wet Bulb Dew Point 46/ 89 . 1 96/ 87 •5 1.2 86/ 85 29 . 4 94/ 83 1.1 34 34 32/ 91 .2 1.1 1.5 1.7 1.3 1.1 . 1 71 71 3.7 2.1 1.3 2.9 1.7 1.0 1.2 100 100. .1 1.2 2.9 781 77 109 109 76/ 75 -n 2.6 3.9 2.5 2.0 1.4 .2 128 128 .5 2.7 2.1 2.2 2.2 2.0 1.3 74/ 73 . 3 115 115 49 12/ 71 .7 1.4 1.7 2.2 1.3 2.D 91 91 85 70/ 69 .7 1.1 1.7 1.7 2.3 • 3 . 7 83 3 3 138 43 .8 .9 1.1 63/ 67 .7 1.8 1.1 • 1 56/ 65 .4 1.1 1.0 . 7 37 117 97 04/ 63 .2 .3 .8 . 8 . 1 24 24 116 • 2 62/ 61 . 2 103 110 40/ 59 .1 .2 68 63 58/ 57 79 1 1 4 4 50/ 55 59 26 54/ 53 67 52/ <u>51</u> 50/ 49 58 26 46/ 47 46/ 45 25 44/ 43 16 42/ 41 43/ 39 34/ 37 10 1 34/ 33 2.8 9.414.314.019.916.0 9.9 6.6 2.2 1.5 919 919 tro tal 919 919 ZX No. Obs. Mean No. of Hours with Temperature Element (X) ≥ 47 F = 73 F = 80 F = 93 F Rel. Hum. 3556251 55643 60.514.282 919 1 0 F s 32 F 68566 74.6 5.940 60053 65.3 5.168 Dry Bulb 5148052 919 84.4 50.5 93 3948741 919 Wet Bulb 42.3 6.5 Dew Paint 3246314 54546 59.4 7.292 919

75-84

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B-26-5 (OLA) REVISED MEYICUS EDITIONS OF THIS FORM ARE OF

USAFETAC NO. 0

SLORAL CLIMATOLOGY BRANCH USAFETAC AIM WEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY |

7 2 2 2 6 5 STATION	<u>*1 A</u>	XWLL	L AF	B AL	TATION N	AND				75-	84			Y	EARS					MA	<u>Y</u>
•				·														PAGE	1	2105-	
Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION	(F)						TOTAL		TOTAL	
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Dew Point		219	894Q		362	5.8	59.6	6.9	<b>9</b> a	6:	96				17	. 3	. 2			T	93

GLORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

3

# PSYCHROMETRIC SUMMARY

22265	14	XWEL	L AF		ATION N	AME				<u> 75-</u>	76,7	8-84		YE	ARS					MON1	N H
•																		PAG	E 1	0300-	050 5. T.I
Temp.						WET	BULB 1	EMPERA	TURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
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SLOBAL CLIMATOLOGY PRANCHUSAFLTAC AIR MEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

MAXWELL AFE AL STATION NAME 722265 STATION 75-84 MONTH 0600-0800 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 99/ 89 20/ 87 86/ 85 12 - 1 84/ 83 1.2 42/ 91 1.6 2.2 49 49 . 6 46/ 79 1.7 3.4 2.8 97 . 7 97 76/ 77 3.9 5.4 3.9 133 133. 16 2 75/ 75 2.0 5.4 7.8 1.8 9 192 162 66 3.7 6.6 5.4 1.0 1.7 - 6 157 158 135 68 2.2 4.2 1.2 1.0 721 71 • 7 99 89 197 123 721 69 1.7 3.9 .9 1.2 77 176 . 4 77 166 58/ 67 %6/ 65 1.6 . 7 . 6 111 163 • Bi 22 27 102 • 2 66 . 4 54/ 63 45 84 • 1 8 521 61 . 2 40 43 50/ 59 22 2.8 50/ 57 16 55/ 55 =4/ 53 20 527 51 50/ 49 3 48/ 47 8 46/ 45 890 TOTAL 10.129.928.217.0 9.9 3.9 891 Meen No. of Hours with Temperature No. Obs. Element (X) I \*67 F \* 73 F = 80 F \* 93 F Rel. Hum. 67723 75.310.950 890 5153883 74.9 4.581 86.1 66.1 Dry Bulb 5011069 66695 891 13.6 70.2 Wet Bulb 4300320 61734 69.4 4.525 890 90 22.2 66.3 5.716 Dew Point 893 3943202 59022 90 8.0

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A) BEVISED MEVICUS EDITIONS OF THIS FORM ARE ORS

0.26-5 (OLA)

SAFETAC

ULUBAL CLIMATOLOGY BRANCH USBFETAC AIK WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY }

22265	41	AXWEL	L AF		TATION N	AME				75-	84				LARS.					JL	IN TH
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fer Bulb		468	1187		644	71	72.4	4.2	65		91				80	. 6	50.6	1.6	3		
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GLURAL CLIMATOLOGY BHANCH UNAFETAC ATH REATHER SERVICEZMAC

# PSYCHROMETRIC SUMMARY

772265	٠, ١	XWEL	LAF							<u> 75 -</u>	84										UN
STATION				5	TATION N	AME								YE	ARS					MOI	TH.
																		PAGE	1	1200 HOURS (	
Temp.						WET	BULB T	EMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
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Rel. Hum.			0267		440	6.7	49.5		$-\!\!\!\!\!-$		91	10	FS	32 F	≥ 67		- 73 F	- 80 F	≥ 93	F	Total
Dry Bulb			2477		779		87.5				91	- •	1		90	<del></del>	89.3	<del></del>	+		
Wer Bulb			0132		649		72.9				91					. 9	54.5			<del></del>	
Dew Point			6529		583		65.5				91		<del></del>		47	$\overline{}$	8.9		<del> </del>		

0.26-5 (OLA) REVISOREN

SAFETAC NOW 0.2

DELITAL CLIMATOLOGY PRANCH UTREETAG ACH WEATHER SERVICEZMAC

# PSYCHROMETRIC SUMMARY

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Temp.					WET	BULB 1	EMPER	ATURE	DEPRES	SION (	F)						TOTAL		TOTAL	
(F)	0 1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	30 = 31	D.8./W.B.	Dry Bulb	Wet Bulb	Dew Po
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14/ 93					_			,	2.4	2 • 3	1.3	-	i -		1	1	79	79		
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Dew Point	377	3486	-	5766	8	64.8	6.4	39	8 9	90		1		4.	2 . 7	6.3		1		9

0-26-5 (OLA) REVISED MEYICUS EDITIONS OF THIS FOLK

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UT HEAT CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICEZMAC

732265 MAXWELL AFB AL

# PSYCHROMETRIC SUMMARY (

STATION	_				TATION N	AME								Y	EARS					MON	ITH
																		PAG	E ?	HOURS IL	-140(
Temp.						WE	T BULB	TEMPE	RATUR	DEPRE	SSION (	F)			-			TOTAL	1	TOTAL	
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14/ 13			• -											1	<b>†</b>						
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lement (X)		ž x'		+	ZX		<del>'</del>	+	-	No. Ol	<b>.</b>	<b></b>			Meen I	No. of	Hours wid	Tempera	ture		
el. Hum.			827		444	75		818.			33	. 0		: 32 F	* 67		± 73 F	- 80 F	▶ 93	F ;	Total
ry Bulb			500		613	146	<del>-710</del>	910.	880		30			. 1	+	. 6	27.4	<del></del>	<del></del>		9
let Bulb			953		508			6 8.			30					. 0	• 7		<del></del>		<del></del>
ew Point			743		907			812.			30			21.6		. 1	<del></del>		<del> </del>		<u>,</u>
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SECHAL CLIMATOLOSY PRANCH USAFETAC AIR MEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

732265 MAKWELL AFB AL 75-84 YEARS MONTH
STATION STATION NAME YEARS PAGE 1 1233-1430 HOURS (U.S. T.)

( <b>F</b> )										DEPRE		٠,						TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poin
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44/ 83			1		!	·	. 6					. 3		1		ļ		2.2			
12/ 31			•		• 3	. 9				• 3			• 2	?				30		<del>-</del>	
1.1 79					. 8	1.0	. 2	. 6	. 5	. 8	. 3	. 1	• 1	. l		j		41	41		
74/ 77			·	• 1		• 3				1.0			. 1					52			
15/ 75				• 2	- 4	• 5	1.1									:		5.7	5.7		
74/ 73			. 1	• 2	. 4		1.4			1.2				†	!			64	64	7	
72/ 71			• 1,	. 4	1.1	. 9	• 3	. 9	• 4	1.1	٠,			i	1	1		. 56	5.5	24	
77/ 69			. 2	• 5	. 5	1.0	. 9	1.3	1.3	1.0	. 6				1			71	71	32	9
50/ 67			. 6	• 6	• 5	1.2	. 9	1.0	1.1	1.0	• 1				1 1			65	65	17.	12
55/ 65		• 1	1.7	• 2	• 2	. 1								1				5.5	5.5	37	20
54/ 53		. 5		• 3	.6	. 0	. 5	1.8	1.6	3	1				1			. 65	6.5	6.5	26
62/ 61		. 6		• 8			• 3	1.8							1 1			79			
43/ 59		• 5	1.7		. 3	. 4	• 5	1.5		S								50	50	68	46
561 57		. 4	• 2	. 4	. 7		1.1	1.4	. 2					•	*			40	4.7	35	5.0
56/ 55		• 1	1.3		. 5		1.3	1.7	ĭ									4 3	4 3	69	4.5
54/ 53			. 3	• 5	• 3	• 1	1.0	. 6		1				•				3.1	31	5.5	5.5
52/ 51			. 4	. 5	. 4	. 4	• 3	. 1										21	21.	6.2	36
30/ 49		• 2	1.5	• 1	• 2	• 2	1.2			+				+				34	34	6.3	
44/ 47		. 1	• 5i	• 2	. 4	• 2	• 2								. 1			16	1 6,	79,	61
45/ 45		• 1	• 2	• 2	• 1									<del></del>	• •			12	12	67	53
94/ 93		. 1	• 2	• 2	, 2	. 4												. 11	1 1	33	39
42/ 41		•		- 2 - 3						<del>                                     </del>				+	<del>†                                    </del>			3	3	31	43
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367 35			i :		• 1				:	1				1		i		: 1	1.	14	40
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32/ 31				• 1										1				1	1.		6.3
107 29												1		1						1	24
28/ 27			1					1	]	1				-	1 1	Ì				1.	40
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21/ 19			. '												i i			[	. :		14
Element (X)	-	ZX'			ž <sub>X</sub>		X	•,		No. Ob	a				Meen No	o. of He	urs wif	h Tempera	ure		
Rel. Hum.												± 0 F		1 32 F	≥ 67 1	F 2	73 F	≥ 80 F	► 93 f	1	otal
Dry Bulb						$\Box$									I						
Wer Bulb																					
Dew Point																					

0.26-5 (OL.A) REVISIO MEVIOUS BOTIONS OF THIS YOUR ARE OBSULET

SAFETAC NOW 0.26

SCHOOL CLIMATOLOGY PRANCH USAFETAC AIP WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY !

22265 STATION	<u> </u>	ANEL	L AF		TATION N	AME				75-	84			YE	ARS					MON	AR ITH
																		PAG	FZ	3900 HOURS (	-11G
Temp.					T = -		BULB 1							T				TOTAL		TOTAL	
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8/ 7					1	<u></u>	لــــــــــــــــــــــــــــــــــــــ							L							
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ry Bulb			6932		556		59. P	9.7	65		30			, 4	24		8.3		7		9
for Bulb			0047		485	-		9.5			30			1.3		• 8	_ • 1	<u> </u>	<b></b>		9
Dew Point		199	1981		413	99	44.5	12.1	56	9	30			20.1	2	. 7					9

ULUPAL CLIMATOLOGY RHANCH USAFETAC AIR WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

22265	MAXWELL	AF	AL	ATION NA	148				<u> 75 -</u>	84			YEARS					M A	I R
3.1			•													PAGE	1	0900-	-11C
	<del></del>				we.t	BULB 1		ATURE	05005	CUON	/E)					TOTAL		TOTAL	
Temp. (F)	0 1 2	3 - 4	5 - 6	7 . 8								3 - 24 25	- 26 27 - 2	28 29 - 3	10 × 31	D.B./W.B. D	bry Bulb		Dow Po
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73/ 77				. 9	• 1	•	• 2	• 1	. 3					1	-	16	16		
76/ 75			. 4	1				. 1			Ì		ļ		1	2.2	20		
74/ 73			- 6	• 5	• 7	• 5	- 4	- 3	•1		1				<del></del>	7.2	3 ?	,	
74/ 71	. 2	1.3	. 9	• •	• •			. 3					i			5.5	55	<b>-</b>	
71/69		- 3	• 9	1.5	1.0	- 4	- 8	• 2	. 6		<del> </del>			•	<del>-</del>	5 4	54		
53/ 67		-					. 9	. 3		l			•			. 56	5.6	-	
65/ 65		1.5	1.9		. 9	1.3	- 5	- 3			+			•		62	5.2	,	
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52/ 61	1.0	2.0	5	1.4	1.7	1.0	. 8	. 1	<del> </del> -					+	+	72	72		
63/ 59	. R.		1.4			1.4		• •								71	71	75	
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54/ 53		1.3				1.5			+		+		<del>+-</del>			51	51		
52/ 51	• •	1.0			1.3		,		:	!						49	49	_ 71	
50/ 49		1.7		1.8					<del>                                     </del>		<del></del>				<del></del>	4.8	4.8		
43/ 47	. 9:		1.1													45	45	: <del>-</del> /	
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42/ 41		• 1	. 4	. 9			<del></del>		<u> </u>		++		+		-+	15	15		
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16/ 35		į					:		!						-			1.8	
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Element (X)	2 x '		1	×		X	·*		No. Ol	8.			Mee	No. of	Hours wi	th Temperatu	70		
Ret. Hum.											10F	= 32	F 2	67 F	≥ 73 F	- 80 F	- 93 1	F To	010 l
Dry Bulb					T			Ī											
Wet Buib					1			7											
		$\rightarrow$										<del></del>				+			

SLOPAL CLIMATOLOGY SHANCH JAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 722265 MAR MAXWELL AFS AL STATION NAME 5500-0800 HOURS (C. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 = 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point (F) 3/ 869 TOTAL -930-335-120-9 9.3 3-9 869 0.26-5 (OL A) Mean No. of Hours with Temperature Element (X) No. Obs. 869 2 67 F = 73 F = 80 F Rel. Hum. 74.313.558 4962561 64605 6.7 2385064 44713 51.4 9.880 1.5 Dry Bulb Wet Bulb 2055235 41351 47.610.044 869 4.7 3.1 1750598 Dew Point 37560 43.212.102 369 1.9 21.3 9 1 

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SLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

722265 STATION TAXWELL AFB AL STATION NAME

#### **PSYCHROMETRIC SUMMARY**

Mean No. of Hours with Temperature

Temp.						WET	BULB	TEMPE	RATUR	E DEPR	ESSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	6 17 - 18	19 - 20	21 - 2	2 23 - 24	25 - 20	5 27 -	28 29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poin
10/ 79					• 1			1										1	1		
761 75	Ì		. 1	l	ı!	. 1			1				1	İ			1	3	3	İ	
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66/ 67		. 7		6	. 3	. 2		2		Ĺ	i		1	1			<u>.</u>	20	_20	19	14
66/ 65		1.0		. 2	• 3	5								T				2.2	22	13	16
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No. Obs.

75-84

4 0 26-5 (OLA) Revise ME rious

JSAFETAC NO.

10/ 9

Element (X)
Rel. Hum.
Dry Bulb
Wet Bulb
Dew Point

GEURAL CLIMATOLOGY RRANCH USAFETAC ALR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

722765 STATION	M A	XWEL	LL A	F& A	L TATION N	AME				76-	85				ARS					F	F S
																		PAG	E 2	2190 HOURS (	-230
Temp.						WET	BULB	TEMPE	RATUR	E DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2								17 - 18	19 - 20	21 - 22	23 - 2	4 25 - 26	27 - 28	29 - 30	+ 31	D.B./W.B.			
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Element (X)		Z X'			ž X		X	•,		No. Ob	s. [				Mean	No. of H		h Tempere	ture		
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Dry Bulb			154		397			7.0			39		$-\!\!\!\!\!+$	3,9		. 2		<del> </del>	<del></del>		8
Wet Bulb			3578		356			9.4			39			13.4				<del>                                     </del>	+		8
Dew Paint			0319		300			12.2		9 30 - 58 E	39			36.0					<del></del>		

DIGHAL CLIMATOLOGY BRANCH USAFETAG AIR WEATHER SERVICE/MAC

722265

MAXWELL AFB AL STATION HAME

### PSYCHROMETRIC SUMMARY

FEG

2100-2300 HOURS (C. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 . 2 3 . 4 5 . 6 7 . 8 9 - 10 11 - 12 13 - 14 15 . 16 17 . 18 19 - 20 21 . 22 23 - 24 25 . 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dow Point (F) 721 71 • 1 73/ 67 53/ 67 • ti 56/ 65 • 5 •4 •5 1•1 641 63 1.0 .5 \_1 • J 1.0 527 61 .5 1.4 39 50/ 59 .6 .5 .8 .1 1.9 1.7 .7 .1 1.0 1.7 .7 12 • 6 40 40 15 • 4 55/ 57 •6 •7 52. 21 52 18 . 5 56/ 55 - 6 14 4 8 41 41 <u>.</u> 8 54/ 53 .8 1.4 1.1 1.4 4 8 48 41 52/ 51 1.1 1.1 1.4 .6 1.3 4 7. 38 43 .5 1.3 1.9 .2 .3 .1 1.7 1.9 1.8 1.2 50/ 49 46 46 47 43/ 47 55 34 40/ 45 1.9 2.0 2.0 1.0 33 <u>65</u> 65 44/ 43 .1 1.2 1.7 1.3 1.8 42/ 41 .1 1.3 2.3 1.4 2.0 .4 4.9 1.5 1.2 47 62 62 61 67 67 51 42 2.0 2.4 1.7 1.1 38/ 37 37 61 37 36/ 35 . 8 92 46 1.5 1.2 • 5 46 46 72/ 31 25 25 36 81 33/ 29 48 46 ?5/ 77 27 43 26/ 25 34 24/ 23 22/ 21 23 20/ 19 35 18/ 17 20 16/ 15 10 14/ 13 127 11 12 3/ 7 3 Element (X) Mean No. of Hours with Temperature Dry Buib Wer Bulb Dew Point 

Circle

0-26-5 (OLA) Revised Mevious Editions OF THIS FORM

SAFETAC NOW 0.2

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATP JEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

122265	. <u>M</u>	XEL	LAF							76-	85				ARS					F	EB NTH
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Dew Point			8241	1-	299			12.			40		$-\!\!\!\!\!+\!\!\!\!\!-$	36.4			-		<del></del>		

SLOPAL CLIMATOLOGY RRANCH USAFETAC ATR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMAR

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																		P#6	1	HOURS	-    (. 5
Temp.										E DEPR								TOTAL		TOTAL	
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88/ 87					1.5				1	9 . 7	2 • 1			ļ		:		137	139		
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72/ 71		. 7	. 4	• 2				1		į	İ	İ						. 8	a	9 )	i
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Element (X) Rel. Hum.		Z X '			Z X	-	X	· • a		No. O			<u>-</u> T					Temperati	_	. 1	Ŧ
Dry Bulb			9072		597		64.7				223	10	-	± 32 F	2 67	$\rightarrow$	73 F	- 80 F	b 93 1	$\overline{}$	Tet
Wet Bulb			0267 3531		788		75.5				29	-	-+		93,		91.9		4	• 2	
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SLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

722265 MAXWELL AFB AL

# PSYCHROMETRIC SUMMA

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30/ 70	•	3 4.5												135	136	7
76/ 77 <sup>°</sup>	2.	5 6.5	6.7			• 1	1	ļ		1	ł			184	184	4.3
76/ 75 <sup>1</sup>	.4 6.	4 8.9	6.0	1.7	• 1	• 1		)		!1			İ	219	219	172
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ry Bulb		46060	<u> </u>	717		77.1	3.64		930		<del> </del>	93.0	85.5		<u>&gt;</u>	$\rightarrow$
for Bulb	4.8	58453		670		72.4	2.82		926		ļ	90.8	47.4		<del></del>	
ew Point		60629		649		70.1	3.41		926			79.4	22.6			

NOBA 0-26-5 (OL.A) REVISE REVIOUS ESTIGNES O

SAFETAC 104 0.24 S

SLUBAL CLIMATOLDGY TRANCH USAFETAC ATRIBEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMA

STATION	MATWEL	ATO	STATION N	AME		<u> 77-</u>	84			YE	EARS					MONT
														PAG	£ 1	9300 HOURS (I
Temp.				WET BULB	TEMPERAT	URE DEPRE	SSION	(F)						TOTAL		TOTAL
(F)	0 1 - 2	3 - 4   5 -	6 7-8	9 - 10 11 - 12	2 13 - 14 15	- 16 17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 7	29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Bulb
12/ 81			. 5											1	1	
13/ 79	. :		. 9 1 . 4				i	L I	_		1 [		ĺ	5	5	:
78/ 77	. 0	6.4 2	.8 1.4		ŢŢ-									25	25	
76/ 75	-5 9 - 6	6.711	·J 1.4											64	64	8
74/ 73	1.414.7													70	70	47
721 71	1.4 5.0 .5 2.8	7.71	.4 .7		+			<u> </u>			$\vdash$			35		
701 69					'	,		] ]	, }		j j		Ì	16	16	
5×/ 67.		· - <u>• 5</u>	5.		<del> </del>			<del>  </del>			<b>├</b>		ļ	<b>2</b> ,	2,	28
46/ 65				ı	1				, ,				į	į		6
04/63					<del></del>	$\longrightarrow$		<del>                                     </del>			<del></del>		<del></del> -	+		<u>6</u> ;
62/ 61 63/ <b>5</b> 9					1						1		!	1		_
52/ 51	+				+			<del>  -                                   </del>			+-+			+		
OTAL	3.733.0	11.72h	. 7. 7. 1		1		i	1 :	. !				1		218	
	30,3300	J. 6 ' E. 4	• • • • •		+	-		<del> </del>			-		i	214	_ 215.	218
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Element (X)	24,		2 1			No. Ob					Moon No	, of He	purs wiff	Tompore	i i	
Element (X) Rel. Hum.		1797	Z X 182	<del></del>	<del></del>	<del></del>	+	100	\$	32 F	Moon No		ours wid	Tomporer	wre = 93 F	
	155	1797	2 x 182 161	89 83.9	7a 9 8a 9 68 1 2 3 8 1	2	18 18	101	3	32 F	= 67 1	•		= 80 F	≥ 93 F	
Rel. Hum.	155 119		182	89 83.5 41 74.5	8.968	2	18	100	5	32 F		.0	73 F	- 80 F	≥ 93 F	1

0-26-5 (OL.A) REVISED REVIOUS EDITIONS OF THIS FORM ARE OR

NFETAC NOW 0.26-5 (OLA) HVIND PE

DUDIAL CLIMATOLOGY DRANCH URAFETAC AIN WEATHER SERVICEMMAC

# PSYCHROMETRIC SUMA

STATION			AFÉ	STATION N	AME		_		5-84		Y	EARS				
														PAGE	1	21 HOU
Temp.					WET	BULB T	EMPERAT	URE DE	PRESSION	(F)		· · · · · ·		TOTAL		TOT
(F)	0	1 - 2	3 - 4 5	- 6 7 - 8	9 - 10 1	1 - 12	13 - 14 15	· 16 17 -	18 19 - 20	21 - 22 23	- 24 25 - 26	27 - 28 29	30 = 31	D.B./W.B. D	ry Bulb	Wet B
28/ 27						• 2	- 1							1.	1	
A67 35				•3 •3	• 3		. 3			- <del> </del>		<del>-</del>		8_		
84/ 83				.2 1.3	• 9	- 5		į	1	!	'			26	24	
12/ 81		<u>;</u>		.4 4.5	2.9	1.5	• 8	_		+	<u>_</u>	<del>i                                    </del>		7.2	72	
33/ 79	'			.5 5.2	1	7	• 5	. 2	1		i			45	85	
76/ 77		1 2		•1 6 • 1 •4 3 • 3		1.0	.7	• 2	<del></del>	+		·		105	135	
74/ 73				ક્રમાં 3 ∌ઇ ક્રિમાં 1 ∍ 9		• 5		-		1				125	175	
74/71-		1 3	3.7	9 3		• 7. • 3	. 3	• 2	<del></del>	+ +		<del>†</del>		<u></u>	<u> 32</u>	
70/69				.7 .2		- 7					1	. 1		⊃ <u>1</u>	25	1
50/ 67	+	- V	. 7 1	•7 •2 •9 •3	- 7				<del></del>	++-	+	<u> </u>		1 u	17	
66/ 65				. 2					į		•	1		3		
54/ 53		+			·				-	+		+		<del></del> -	1	
52/ 61									i				4.			
5u/ 59	-· <b>-</b>														•	
55/ 57					·			-			;	+				
56/ 55								i								
4/ 53							-	+ -		+ •	+	-				
52/ 51			1			1		1					1			
507 49 467 45			+-			+			<del></del>	+ +-	<del></del>	<del>                                     </del>	-			
467 45 Ofal		4 . 0	19.324	.923.6	15.7	5.7	7 . 7	. 5	1	-					594	
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·· · · · ·						+				† <del> </del>	<u> </u>					
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Element (X)	;	t <sub>X</sub> '		2 x	<u>'</u>	X	<b>₹</b> 2	No.	Obs.			Meen No.	f Hours with	Temperatur	•	
Rel. Hum.		309	2968	423			11.161		594	± 0 F	1 32 F	≥ 67 F	■ 73 F	■ 80 F	• 93 F	
Dry Bulb		3489		454			3.984		594			89.4		22.3		
Wet Bulb		2917		415			3.982		594		<u> </u>	73.9	23.3			
Dew Point		2625	3514	393	86 6	6 - 3	5.397	7	594		1	50.6	7.3		1	- 1

NEW 0.26-5 (OLA) REVISED REVIOUS BOITONS OF THIS P

SAFETAC NOW AS

JEGGAL CLIMATOLOGY BRANCH USAFLTAC ALR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMM**

722265 MAXWELL AFB AL 75-84

STATION STATION NAME YEARS MO

PAGE 1 1870
HOURS (I)

Temp. WET BULB TEMPERATURE DEPRESSION (F)

TOTAL TOTAL

Temp.							BULB											TOTAL		TOTAL
(F)	O.	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.8./W.B.	Dry Buib	Wer Buib
46/ 95							1	i i	. 1			. 2			!			5	5,	ľ
74/ 93		<u> </u>	ļ -		; 	<u> </u>	<u> </u>	. 1	3	5	. 1	. 2					<u> </u>	7		
12/ 91							• 1	- 5	. 7	. 9	• 3	• 1						24	24	
93/ 89			<u>i                                      </u>		<u></u>	• 7	• 6	1.7	. 6	1.1	2	- 8					<u>.</u>	46	46	
m3/ 87		1			• 1	1.0	2.0	1.2	2 • 2	• 8	. 7	• 1	- 1		i			73	73	
36/ 85				• 1	. 9				1.5		• 2		<del>_</del>		•——			. 112		
94/ 93			!	. 4						. 7	. 4	- 1						: 117	117	
F2/ 51		1				4.2	2.6			. 4	1	-1.	-				·	, 120		
40/ 79				1.6						-	1							112	112	11
75/ 77		<b></b>		2.8	2.9		1.1				• 1	<u> </u>						94		45
76/ 75			2.7			• 2	ં	. 6	- 1		:							77		112
74/ 73			1.9		8	• 1		. 4		); •	<b>.</b>						•	55		191
72/ 71		1.0	1.6			. 4	. 3	- 1	ĺ	į	1							3 €		196
707 69		+	•	• 2		↓		<u> </u>	·	<b></b>	•	+			<b></b>		•	10	10	140
65/ 67						į														94
56/ 65		+	t		1			<b></b>	<b>.</b>	+	<b>↓</b> _						<b>.</b>	. 1	1	52
54/ 63						:	i	i		:										27
52/ 61		+		· 			<u> </u>		L	<del>i</del> — —							+	+		18
607 59				1			;	1		i							!	1		15
53/ 57		<del></del>	<del></del>	+		·	<b></b>	ļ	ļ	ļ	+	+					<b>_</b>	<del></del>		
30/ 55			ŀ	ì		1			i		i	İ			1					
4/ 53		+	-	ļ		·	+	-	-	-	<del></del>	+			<u> </u>			<b>∔</b> ——	<b></b>	
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51/ 49		+				·	+	<del></del>		ļ	<b></b>	<del></del>	+		<b>-</b>		ļ	+	<del></del>	
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42/ 41							1	-	<u> </u>			<del>                                     </del>					<del></del>	<del> </del>		
TOTAL		1.8	10.1	10.5	12.4	116.0	115.0	13.5	8.2	5.5	2.5	1.7						871	891	891
+		<del> </del>		<del>                                     </del>		<u> </u>	<del> </del>			<u> </u>	<del>                                     </del>						-	971		9.7.1
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		+		ļ	<b></b>	-	<del> </del>		<del></del>				-					<b></b>	•	
Element (X)		z,	1	-	Z X	<u> </u>	X	•	1	No. Ol	) ••.				Meen I	le. of H	ours wit	h Tempera	ture	
Rel. Hum.		346	4820		540	48	60.7			8	91	1 0 F	$\Box$	32 F	≥ 67	F :	73 F	- 80 F	≥ 93 F	1
Dry Buib			3613		724		81.4				91				89	. 9	85.1	57.	1 1.	. 2
Wet Bulb		452	5773		634		71.2				91						36.3		5	
Dew Paint		388	1234		585	66	65.7	5.9	64		91				48	• 3	7.2			

USAFETAC FORM 0.26-5 (OL.A) REVISED REVIOUS EDITIONS OF THIS FOR

SUBPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUM!**

STATION	MAXWEL			N NAME		-		75-				YE	ARS					
																PAS	E 1	HOL
Temp.					TBULB										,	TOTAL		TOT
(F)	0 1 - 2	3 - 4	5 - 6 7 -	8 9-1	0 11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	23 - 24 2	5 - 26	27 - 28 2	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet B
- 3/ h7			!	T				T	. 2		- !					2		,
-6/ 55			;								. 1		1			1	. 1	i
4/ 87				•	1	. 9	. 3	.6	. 4	. ₹	• 1					29	ە ج	)
427 81					9 .9	. 6		. 3	• 2	• 3;	• 3	,	İ			. 36	. 36	١.
1 77		•	• 2'	. 3	5	• 3	• 5	1.2	1.1	• 3	• 1					43	4.0	!
701 77				. 1	2 1.1	. 9	1.6	1.4	. 4	. 8	-						59	,
707 75	• •	• 1	• 2	. 9	1 1.1				• 5							62	<del> </del>	
74/ 73		• 2	• 2	.5 1.		, .8	1.5	1.4	. 9	• 2						73	7 3	i
7 / 71	. 1				1 .:			7	<del></del>							55		<del>-</del>
701 59	. 1				3.			1.6	<u>,</u>							. tż	_	
32/ 67	· <del>•</del>	1.1			7 1.1		1.4		•—	• 1	<u> </u>	-	<u> </u>			50	<del></del>	-
16/ 65		1.1	. 8		5			1.3	I	• • •	i	i				5 <b>6</b>		
54/ 53		*				1.3				+	- +					75	+	
527 61		1 7				1.2		,	_				- 1			-		
50/ 59		r 🛊 🔭				1.1		+	<b></b>							. <u>56</u>		
55/ 57	. 3			-	2 1.2											34		
35/35		= 3	• <u>1</u>			1.4	·	+								41	41	
14/ 53	• 7	. •						!								_		
2/ 51	•	1.4	• <del>2</del> -	• <del>4</del> : •	3 · · · · · · · · · · · · · · · · · · ·	5		+	<u> </u>		+-					76		
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4-7 47	3	• 3	- 4	• 2"   • • 3	1			<del> </del>		+		·				פק		
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45/ 45		• 7			4.			-		-		<del></del>				9		
44/ 43	• 3			•	1'	.		!	i	1						5		
42/41	<u>• 1</u>	•3						-	ļ							3	3	<u> </u>
43/ 39		• 4	• 2			i i		i		-	ļ	ĺ				. 4	4	r.
33/ 57	• 1	<b>↓</b> ∔	<del>-</del>			<b></b>		1									1	· +
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727 31	i	!	ļ		İ	!				-	-	í	1					
34/ 29			<u> </u>					<u> </u>				!						
23/ 27	i	1											•					
26/ 25		<u> </u>				i		L										
24/ 23	T											•	+					
72/ 21		i ,		Į	i	] [		l .		ĺ							ı	
Element (X)	Z <sub>X</sub> '		ZX		Ţ	· ,		No. Ob			•		Moon No	. of He	wre wid	Tempere	lure .	
Rel. Hum.										2 0 F	9 ;	32 F	± 67 f	· [ •	73 F	• 80 F	• 93	F [
Dry Bulb															_	<u> </u>		
Wet Bulb																1		
New Point				T		1								7		,		

GEUPAL CLIMATOLOGY FRANCH UNAFETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMN**

22265 STATION	-	AXWEL			ATION NA	ME					-84			YE	ARS					
																		PAG	5 2	15:
Temp.										E DEPR								TOTAL		TOTA
(F)	0	1 - 2	3 · 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 1	6 17 - 1	8 19 - 2	0 21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Bu
23/ 19		!	!				[		]											:
15/ 15		•	+				+	+	·	1	1	1		1						<b>+-</b>
14/ 15		+ -	<b></b>				<b>.</b>		+		<del></del>	<b></b>	<u>.</u>	<u> </u>			ļ			
12/ 11 5/ 7		1			1		:			į							i			
STAL		4.7	10.4	4.8	8.5	9.1	12.	13.9	16.	312.	2 5.	7 2.2	• t	,			<del> </del>		930	
		-	<b>.</b>		—			i	<b>.</b>	<u>.</u>	<u> </u>	· 		<u> </u>			·	920		9
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lement (X)		Z X'	1		Z X		T	•,	$\overline{}$	No. C				<u> </u>				h Temperet	ure	
Rel. Hum.			6381		428			19.5			93C	= 0	F	± 32 F	z 67	$\overline{}$	73 F	> 80 F	• 93	F
Dry Bulb			0649		621			10.0			930				48		31.0		•	
Wet Bulb			2422		509			8.6			930	<del> </del>		3		• 7		<del></del>	+	$\dashv$
Dew Point		184	4620	<u></u>	401	/ 7	- 3 - 6	13.0	140		930	<u>.                                    </u>	L_	23.6		. 8		<u></u>		

0-26-5 (OL A) REVISED MEYIOUS EDITIONS OF THIS PO

FETAC NORM 0.26.

GLORAL CLIMATOLOGY BRANCH USAFETAC AIR VEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMI

		· · · · · ·			15	EARS	Y		-		5 4	<u> 75 -</u>	-			-	E	TION NA			CWELL		STATION
180	1	PAGE																					
TOTAL		TOTAL													EMPER								Temp.
Wet Bul	y Bulb	.B./W.B. Dr	<b>* 31</b>	9 - 30	7 - 28 29	5 27	25 - 26	3 - 24	22 2	21 -	19 - 20	' - 18 j	16 1	15	13 - 14	1 - 12	- 10	7 - 8	5 - 6	3 - 4	1 - 2	0	(F)
1	9	9									. 1	• 1			• 1	• 2	• 1	. 3		- 1			36/ 79
	21	21							_		1	. 1			• 1	. 5	. 8	. 4	• 2				73/ 77
1	37	3.7		i							• 1	• 3	. 4		. 5	. 7	• 3	- 5	• 5	• 1	•		76/ 75
	38	3.6							1	_	• 3		. 3	L	1.1	• 2	. 7	• 7	• 9				741 73
ļ	4.8	4.6							Ì			- 3	. 9	1	. 7	1 . 2	• 9	• 3	• 5	·	• 1	-	72/ 71
1	62	5.2		i					1			• 2	. 7		• 7	1.7	1.7	1.5	• 3	• 5	• 1		70/ 69
2	64	5.4		i		Ĭ			Ţ	i		• 5	. 4	1	1.0	1.3	. 6	• 7	• 9	1.3	• 3	• 1	5a/ <b>67</b>
3	67	57.		i					_			• 1	. 1	1	• 3	1.0	1.3		1.1	1.1	• 2	- 1	56/ 65
4	66	66			ļ	ĺ			1			ļ	. 2	ļ.	1.6	1.2	. 4	• B	• <b>q</b> [	1.4	1 - 1		14/ 53
5	75	76		i		!			1			1	. 4	L	1.5	1.2	1 . 3	1.1			1.2	• 1	2/ 61
7	7.7	78							Ţ			1	. 1	1	. 8	1.8	. 9	• 5	1 . 4	1.3	. 7		2/ 59
. 6	71	71		}		i L			İ			i	. 1		. 8	1.0	1.1	1.7	1 - 1	1.4	٠ د		3/ 57
	73	73		- 1		Ī			Ī				. 3	1	. 4	2.0	1.3	. 9	1.4	1.2	. 4		5/ 55
7	49	49							1				-	i	. 3	1.3	1 . 3	. 9	• 2	• 7	• T		4/ 53
	46	46				+			_			1	-	-		. 7	1.5	1.2	. 3	1.1	• 2	- •	2/ 51
. 8	37	37							1							• 5	1 . 2	. 8	. 3	. 7	• 5		3/ 49
	32	7.2			-	1			+	•			_			• 1	• 2	1.3	1.1	• 0			0/ 47
	21	21:				!						1	į		I	• 2	. 4	. 7	• 9	• 1			6/ 45
	15	15		t	†	!											• 2	. 4	. 7	. 3			4/ 43
5	5	6,	i			ì				!		i				!	• 1	• 1.	• 1	. 1	• 2		2/ 41
	7	7				+			$\top$				$\neg \uparrow$	-			1		• 2	. 4	• 1		137 39
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F	• 93	- 80 F	73 F	_	≥ 67 F	_	32 F	١.	0 F	•							1	·					el. Hum.
				_		<b>†</b>		$\top$						_			1						ry Bulb
						†-		<del>                                     </del>								$\neg \uparrow$							let Bulb
-				1		1		+								1	1			+			ew Point

SEDRAL CLIMATOLOGY BHANCH USAFETAC AIN WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMI

STATION				5	TATION N	AME									YE	AR S					M
																			PAG	F 2	1801 HOURS
Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION	(F)				-			TOTAL		TOTAL
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								22 23 .	- 24 25	- 26	27 - 28	29 - 3	0 = 31	D.B./W.B.	Dry Bulb	Wet Bul
10/ 9				<del></del>				1		<del>                                     </del>	-		_					_	<del>                                     </del>		-
8/ 7			)	!	1		]		ì	j					ł		ļ	1		1	
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Element (X)		Z X'			ZX		X	•	T	No. Ob	s	_				Meen	to. of I	lours wit	h Tempere	lure	
Rel. Hum.		317	8522		515	43	55.A	18.0	55	•	23	5	0 F	5 32		± 67		+ 73 F	- 80 F	- 93	F
Dry Bulb		350	9683		562			9.2			23				. 3		• 1	10.6	<del></del>	1	
Wet Bulb			9970		484			8.7			23				. 8		. 9	. 1		1	1
Dew Point			1193		404		43.8				23			<u> </u>	. 5		. 6		+	+	

GLUGAL CLIMATOLOGY HRANCH USAFETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMA**

772265 MAXWELL AFR AL 75-84 MAR STATION NAME YEARS MONTH

PAGE 1 2100-2

Temp.						WET	BULB '	TEMPE	RATURE	DEPRI	ESSION (	(F)						TOTAL		TOTAL
(F)	0	1 - 2	3 - 4	5 - 6	7 - 6								23 - 24	25 . 26	27 - 28	29 - 3	0 - 31		Dry Bulb	
70/ 75			• 1							<b> </b>	.1	-						8		
74/ 73			• 1			. 1	1		1	1	••					}		11	1 1	
721 71		$\vdash$	1.0					• 2	,	• 1				1			-	28		4
70/ 69		. 3	. 9	. 6			1.0		1 .	1	7	( )		1 (		1		33	33	R
68/ 67	• 2	. 5	2.1				• 2				†			1		<b></b>	1	51		21
66/ 65	• 1	1	1.2					_	1	1	1	1 !		1 1		l		52	!	36
64/ 63			2.3						• 1		†			† <u>†</u>			+	58		25
52/ 61.		1.5	1.0	1.5	1.3	. 9	1							[ [			-	59		35
50/ 59		1.2		2.2										1		†	+	64		57
58/ 57		. 3	1.4						1			1 1		!		1		56	T	58
56/ 55			2.3			• 7			<del>                                     </del>	!	<del>                                     </del>			1			+	75		45
54/ 53			1.5						l I	1	1	1				İ		50		65
52/ 51		1.2	2.1	1.9	2.0	1.4	. 3		<del> </del>	<del> </del>		!		+			+	76		80
50/ 49	. 1		1.9						1			!					-	61	61.	76
40/ 47			. 9						<del> </del>	<del> </del>	!			+		+	+	45		5.3
46/ 45			1.3						j	İ		İ.		1 !		ì	1	36		50
14/ 43				2.8				<del></del>		<del>                                     </del>	<del></del>	<del>                                     </del>		+		<del></del>	+	35		51
42/ 41		- 1	1.7		-1			1	Ì	-		j '				į		. 18		5 <b>6</b> ;
40/ 39		5	.9	.5	. 3				<del> </del>	<del> </del>	<del></del>	<del></del>		+			+	19		42
38/ 37		. 1	. 6	• 1				l L								ļ	1			4 9
30/ 35			- 1	• 1						<del>                                     </del>	<del> </del>						+	2	2	17
34/ 33			- 1	• 1	i				ĺ		1			1		i		1	•	12:
32/ 31			. 3						h	<del> </del>		$\vdash$		+-+		<del>                                     </del>	+	1	3	
30/ 29			. 1						İ		1	í 1		ii		!	1	1 2	7	2
24/ 27				•1					-	<del>                                     </del>	<del>                                     </del>			<del> </del>			+	1 - 1	1	
26/ 25				- 1	ĺ	ĺ			i	!		1 1		1 1		1	1	•	•	, j
24/ 23										<del> </del> -	_	<del></del>		<del>                                     </del>			<del> </del>	<del> </del>		
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24/19				- 1					<del> </del>	<del> </del>				<del>  </del>			+	<del></del>		
18/ 17				+					ļ	1				1				!	1	
16/ 15										<u> </u>				<del>                                     </del>			+	<del>                                     </del>		+
6/ 7		. !	j	ļ		j								1			}	}	'	i
OTAL	• 5	10.3	24.4	24.0	18.7	11-7	4.9	1.6	• 3	• 1	. 1			<del>†                                    </del>			+-		863	+
			'		- ·· • '	- • • 7	•			]	<b>"</b>			}			]	863	,	863
Element (X)		ZX'			E X	T	T	•,		No. OL	·				Meen I	(o. of )	lours wid	h Temperet		
Rel. Hum.		393	3753		567	41	65.7			8	63	101		2 32 F	= 67	$\overline{}$	■ 73 F	- 80 #	→ 93 F	7
Dry Bulb			4756		486		56.4				63			. 8		.1	2.0		1	-+
Wet Bulb			6857		436		50.5				63		_	1.4		. 6	- V W		<del>                                     </del>	
Dew Point			5078		383		44.4				63		$\overline{}$	17.8		.9		<del></del>	+	<del></del>

NORM 0.26-5 (OLA) atvised mevicus elements of tims roum as all the delivery of times roum as

JSAFETAC 10

SLOBAL CLIMATOLOGY BRANCH BRAFETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMA**

A											84	<u> 75-</u>							L AF	XWEL	AF	2265
MO						irs	YE									ME	ATION NA	57				STATION
B600 HOURS	1	PASE	P																			
TOTAL			TOT							F)	SSION (	DEPRE	ATURE	EMPER	BULB 1	WET						Temp.
et Bulb	Bulb 1	/W.B. Dry	D.B./	= 31	9 - 30	27 - 28 2	- 26	4 25 -	23 - 24	21 - 22	19 - 20	17 - 18	15 - 16	13 . 14	11 - 12	9 - 10	7 - 8	5 - 6	3 - 4	1 - 2	0	(F)
	7	1	$\top$														. 1					8/ 77
	~	6		1			- 1									1	- 1	. 6	. 1			6/ 75
	12	12	+				_	1							• 1	• 1		-	. 4			4/ 73
4	25	25	J	i			1	1							• 1	• 1			. 9	. 7	ļ	2/ 71
13	4.2	42	+				-+	$\overline{}$							. 1	. 7	1.2	• 5	2.2	• ?		11/ 59
20	57	57:	l				- /								/	. 4			2.6	1.1		3/ 67
43	75	75	+	+		<del></del>	+	†							. 5	• 1				3.2		6/ 65
57	5.8	? <b>8</b> .	!				1								. 4	. 7			2.7	2.3	- 1	4/ 63
71	77	77	_	-		<del></del> -	-	+							• 2	• 5			2.6			2/ 61
77	93	၁ရှ	!	i .		1	1	:							. 4	9			3.4			3/ 59
80	8.2	9.2		+			-+	+-								. 4	1.4	2.7	3.2	2.0		0/ 57
75	66	66,					Ì								• 2	. 4			1.5			c/ 55
75	54	54	+	<del>!</del>			+	+								. 1			2.7		+	4/ 53
77	59	59					i	i							. 1	5	. 7	- ,	2.6			2/ 51
6.3	37	37	+	+			+	+								. 4	+		1.7			0/ 49
61	38	36					j							-	1	1	. 8			1.9		8/ 47
56	15	16	<del></del>	-			<del>-</del>	+										- 4		- 5		6/ 45
28	12	12					- 1	1						j			- 1	. 4		. 6		4/ 43
27	6	<u> </u>	+	<del>                                     </del>			-+	+										• 6	- 1			2/ 41
12	1.	1		ļ		i		j		,		j		i				• 1				4/ 39
9	1		+	<del></del>			+	+										<del></del> +	• 1			4/ 37
4	1.	1		1				1				į			j		1		. 1			0/ 35
			+	+		-	-									+						4/ 33
•			1	1			į	į		í				1					)			2/ 31
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	854		1	1			- 1	1				ĺ			2.1	5.3	16.9	23.9	29.	21.7	. 4	TAL
854		854	A					<del> </del>														
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																	1					!
	<u>i</u>	nperature	A Tem	ours wit	. of H	Mean No.	_	1			.	No. Ob			X	$\top$	EX			Z x'		ement (X)
T	• 93 F	80 F		73 F		≥ 67 F	F	s 32 F	1	101	54	8	73	13.2	73.1	2.0	624		4250	471		I. Hum.
$\Gamma$				2.0	1	15.			$\Box$		54	8	38	7.3	59.3	3 3	5060		3991	304		y Bulb
					9	3.	.1				54			7.5			4650		8231			1 Sulb
			1		2	2.	. 3	١.			54	8	77	9.4	50.3	50	429		6684	223		w Point

SLUPAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMAR'**

STATION	44	XWEL	L AF		TATION N	AME				75-	8 4			YE	ARS				—	MO	PR NTH
																		PAG	. 1	HOURS (	-11: (. s. T.)
Temp.							BULB '											TOTAL		TOTAL	-
( <b>F</b> )	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	23 - 24 25	- 26	27 - 28 2	9 - 30	<b>2 31</b>	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
46/ 85			!				Ī	. 1			• 6				T			6	6		
34/ 83						. 1	. 4	. 1	• 1	. 4	. 3							14	14		
22/ 91					• 1	• 1	. 7	• 1	. 7	. 6	• 2	İ						? 2	22	1	1
201 79				• 1	. 3			. 9	1.0	- 6	. 4							47	4.7		<u> </u>
78/ 77		,	• 1,	. 6	.0	1.3	. 9	1.1	. 9	- 6				Į				56	56		]
76/ 75			• 3:	• 9				. 9		- 4	. 1							77	77	<del></del>	<u> </u>
74/ 73			• 3	1.8	1.4	1.4	1.6	. 9	. 3	• 6		,					i	75	75	, 7	1
741 71		_ • 3;		1.1		1.4		. 9	1.2	. 9					i		·	78	7.3		+
7_/ 69		• 1	1 • 8	-		1.2				. 4		1	1	İ	ì		ļ	65	95		-
61/67			1.2			-	+	+				<b>.</b>		·			<b></b>	ن۶	9.7		
66/ 65		• 5		1.6		1.4			i						!		! !	8.3	÷ 3		
04/63	• 1			1.2					. 7								L	76	76		
62/ 61		1.2	- 4	• 9					1	İ					1		1	5 7	_		1
53/ 59		<u>• 3</u>	. 4	• 3									i_				<b>i</b> ——	37	37		
58/ 57		• 1	• 6	• 3	1				i company					ļ	i		1	3 8	38		1
56/ 55		• 2	• 7	• 1	- 3								<del></del>	$\rightarrow$			·	26	26		
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52/ 51		<u>• 1</u>	- 1		• 1				ļ						$\rightarrow$		<u> </u>	6	<u> 6</u>		-
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46/ 45					• 2	• 1		<del> </del>				<b></b>						<u> </u>		38	_
44/ 43		i	j		. • 3	ĺ		i				!			1		;	3		11 12	1
42/ 41						ļ	-	<del></del>	<u> </u>			<del> +</del>	+-							9	
40/ 39		İ						ł	l			!		- 1			!	İ		. 5	
30/					·	<del></del>	<del></del>	<del> </del>	<del> </del>			+	-	-1	<del>-</del> -					2	<del></del>
35/ 35	į							ļ	 						1			:			2
34/ 33					-	·	<del></del>	+					-+	$\rightarrow$				<del>                                     </del>		<del> </del>	1
32/ 31							1								- 1					I I	<u>. i</u>
30/ 29			<del></del>				<del>                                     </del>		<del>                                     </del>									1		_	1
28/ 27	i		ŀ											-	ļ						1
20/ 25			Ť			-	<del></del>		<del>                                     </del>						+			1			•
24/ 23	;	i																		  -	
STAL	- 1	4 . A	8.9	11.8	14.2	16.9	16.4	12.7	3.1	4.4	1.7								899		89
			:															899		899	
Element (X)		Z <sub>X</sub> '			ž <sub>X</sub>		X	<b>₹</b>		No. Ob					Meen Ne	. of H	ours with	Temperet	ure		
Rel. Hum.		304	7620		500	90	55.7	16.9	0.9	8	99	± 0 ₹	s 32	F	≥ 67 F	_	73 F	= 80 F	» 93	F	Total
Dry Bulb			1694		616		68.6				99				55.		29.7	7.	2		9
Wet Bulb			8440		529		58.9				99				13.	8	• 7				9
Dew Point		243	9791		458	67	51.0	10.4	97	-	99		4	. 8	3.	4				] _	9

3

GLORAL CLIMATOLOGY BRANCH USAFETAC ATR HEATHER SERVICE/MAC 3

### **PSYCHROMETRIC SUMMARY**

2226E	4 4	XWEL	L AF		ATION N	AME				75-	84			78	ARS						PR NTH
						-												PASE	1	1230 HOURS (	-140 (.s. t.)
Temp.						WET	BULB 1	TEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	■ 31	D.8./W.B. D	ry Bulb	Wet Bulb	Dew Po
90/ B9									• 1			. 3	• 2					6	5		
48/ 97								L	• 3	L	. 7	.7	. 1	3				19	19		
16/ 35		1						1.6	-8	•				1	1			48	48		
24/ 93		<u> </u>	· · · · · · · · · · · · · · · · · · ·			• 2	• 3											62	6.2		
12/ 81		'			• 3	- 3	1.2	2.3				!	. 1	- 1				9.3	98		
80/ 79				• 2	• 1	• 9	1.7							ļ	<u> </u>			73	73		
79/ 77				. 4				-									1	73	7.3		:
76/ 75			• 3	• 5	_ •7	1.0				_				<u> </u>	<del>                                     </del>		<u>;</u>	77	77		L
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Wet Bulb															<del></del>			<u> </u>	<u> </u>		
Dew Point															L			<u> </u>	L		

SLUBAL CLIMATOLOGY BRANCH USAFETAC AIN WEATHER SERVICE/MAC

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																		PAGE	?	1200 HOURS 15	-14( . s. t.
Temp.						WET	BULB	TEMPER	ATURE	DEPRI	SSION	F)						TOTAL		TOTAL	
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ew Point			5997		450		50.0				00		$\overline{}$	5.		. 6		+	+		

SUBSAL CLIMATOLOGY PRANCH SUBSETAC AIM WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

STATION				57	ATION N	AME				<u>75-</u>				YE	ARS		PAGE	. ,	45 MOH 1500	
																			HOURS (L	. 5.
Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8		BULB 1						23 - 24	25 - 26	27 - 28 29	- 30 a 31	D.B./W.B.	Dry Bulb	TOTAL Wet Bulb	Dew
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36/ 35		1						• 7	1	1			• 3		1		4.8	4 B	;	
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.2/ 91		1				• 6							• 2	• 2	İ		98	98		
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75/ 77 76/ 75			,	40	• ? • 2								- 1	!			7.3	73		
74/ 73				- 4	- 8		. 0						<del></del>				90.	<u>87</u>	10	
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70/ 69			1.1	- 6	. 4		1.2	1.3				-					77	77	62	
63/ 67		. 4.	1.9		. 7								•		į	+	54	54	8.8	
20/ 65		• 6	• 1	. 4			- 8			- 5							37	37	102	
64/ 63		- 1	. 4			. 7	.6	. 3	. 4				1	į			3.2	3.2	117	
42/ 61		. 4	.6							-							34	34	77	
50/ 59		• 2	• 3	• 2	. l		• 2			L							14	14	94	
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tel. Hum.												= 01	1 1	32 F	≥ 67 F	≥ 73 F	≥ 80 F	▶ 93 F	- <del>                                     </del>	otal
Ory Bulb Fet Bulb			+			+										<del> </del>	+	<del> </del>		
Per Bulb Dew Paint															<del></del> -	+	<del></del>	<b>├</b> ──	-+	

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SLORAL CLIMATOLOGY PRANCH USAFETAC ATR WEATHER SERVICE/MAC

10

#### PSYCHROMETRIC SUMMARY

MAXNELL AFE AL STATION NAME 722255 STATION 1500-1700 HOURS (C. S. T.) PAGE 2 | TOTAL | TOTAL | | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wer Bulb | Dew Point Temp. (F) 221 21 2.4 4.7 5.1 4.6 8.210.712.015.012.914.6 6.6 1.9 STAL 970 900 No. Obs. Mean No. of Hours with Temperature Element (X) 44.117.928 74.8 7.712 60.7 6.410 2042458 5382873 39726 67279 900 = 67 F = 73 F = 80 F = 93 F 76.2 56.1 30.2 18.7 1.0 Dry Bulb 900 3357717 900 90 Wet Bulb 54669 2315390 44642 49.610.602 900 1.7 ल्हा पर करणाहरू 

OLIMAL CLIMATOLOGY RRANCH ULEFETAC AIN MEATHUR SERVICE/MAC

Temp.	_					WET	BULB	TEMPER	RATURI	DEPR	SSION	(F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 29 -	30 + 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
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11 79					. 1	. 7	. 7	1.1	(	6		9	1			1	36	35	i i	
7:1 77		· · · · ·		• 2	1.5	1.	1.2	1.1	1.	• 2						_	6.3	€3		
76/ 75			• 1	. 1			1 2 - 4					d	]				66	56		
74/ 73				1.0	1.8	1.6	1.6	1 1.7						1			76	76	Z	
72/ 71		• ?	. 7		1.8					• 3	\$	1	1	1			91	91	. 8	
7. 1 69		• 1			1.7									•			3.2	92	3.0	
54/ 67		. 4	2.9	. 9	. 7	. 0	1.5	1.5		A .:	×ļ.	(	i			,	86	9.5	52	
56/ 65		.6	1.0	1.5	1.4	1.4	1.5	, д		b	•	•	1	,			76	76	93	3
54/ 63		. 6			. 8:					3		1	-			1	8.2	62	1.00	
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Element (X)		Z X '			Z X	$\Box$	X	<b>7</b> 2		No. O					,		th Temperati			
Rel. Hum.			9745		487		55.3				81	10	F	≤ 32 F	≥ 67 F	= 73 F	→ 80 F	- 93 1	F 1	Total
Dry Bulb			3556		601		68.2				81	Ĺ	_		54.4	27.0	3.	<u>'</u>		9
Wer Bulb			6027		516		58.6				81				9.4	• 2	2	1		9
Dew Point		234	1197		446	07	50.6	9.6	91		81	·		3.8	1.2			1		Ý

GLURAL CLIMATOLOGY BRANCH USAFETAC AIR BEATHEM SERVICE/MAC

### PSYCHROMETRIC SUMMARY 5

122765 MAXWELL AFR AL 75-84 APR STATION HAME YEARS MONTH

PAGE 1 2100-2305 HOURS (C. S. T.)

Temp.										DEPRE								TOTAL	<u> </u>	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Buib	Dew P
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76/ 75:		:	. 3	• 6	• 9	- 1	• 1	1	l:		1		ļ	1	1	1	1	17			
74/ 73			. 3	• 6 • 4	1.0	• 1	• 1 • 7	•			•				!		1	2.5			
721 71				1.7	1.9	. 8	• 5	l		i	1				i i	i	ı	. 3a	3 6	<b>3</b> i	
71/ 69		. 4	1.9	1.2	2.7	1.8	1.	. 1	l.			1	ī		ĺ			71		11	
621 67		6	3.5	3.0	3.8	2.7			3	. 1	ú	1		! L		:		112	112	19	
56/ 65			2.3				. 4		5	• 1	i i				1		1	77	77	47	
64/ 63	. 1	1.2	3.7	2.6	2.7	٠V	. F			ų.	1				ì		1	. 29	. 38	72	
0.7 51		• 5	2 . 3	2.5	2.5		<u>. 8</u>	1	l		1			_	Ī		-	7.3	73	76	
n / 59		. 6	2.3	1 - 4	1.3	• 5	• 5	ı		1					i			5.3	5.3	102	
14/ 57			1.4				• 9			*				1				6.5	6.5	87	
55/ 55		. 5				1.4	• 5				<u>.                                    </u>	1	i		<u> </u>		1	5 6	56	60	
14/ 53			• 5	1.5	1.7	. 6				1	t					1	7	₹6		63	
.27 51		. 5	• >	1.3	. 4	8					4							. 29	2.9	4.6	
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301 29									,			Ţ					Ĭ				
75/ 27									4	J.,	<b></b>	L			<u> </u>		+	· +	···		
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Element (X)		ZX'	*0.04		Z X	-	X	•,		No. Ol			- 1	. 11 E				- 80 F	<del></del>		otal
Dry Bulb			3085 1318		511 483		66.3 62.5				771	2 0		32 F	2 67	. 9	• 73 F 5 • 1	<del> </del>	× 93 1	·	0101
Wet Bulb			<u>1 21 0</u> 64 0 0						$\overline{}$		771		+		+		3 • 1	<del> </del>	<del></del>		
441 DA19			2001		392		56.4 50.9				771			3.4		. 9		L			

STUPAL CEIMATOLOGY PHANCH USAFETAC AIR WEATHER SERVICE/MAC

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#### PSYCHROMETRIC SUMMARY

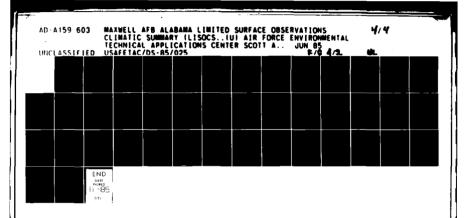
722265 MAXWELL AFE AL 76,79-84 STATION 0300-0500 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. Dry Builb Wet Builb Dew Point (F) • 5 76/ 75 74/ 73 • 5 2.7 5.9 1.4 <u>-2</u>; 72/ 71 ? 32 2.3 4.1 1.4 737 69 4.5 9.1 .5 . 5 50/ 67 17 3.3 33 24 65/ 65 7 . 3. 4 . 5 20 24 3.7. 4.5 1) 35 22 19 52/ 61 lé. 21 26 17 1 4 15 1 4 2.7 4.5 1.8 50/ 57 56/ 55 1 2 15 13 1 3 1.4 2.3 17 J21 51 9 3.7 • 5 10 10 5 / 49. • 9 • 9 • 5 45/ 45 44/ 45 7 927 41 40/ 39 30/ 37 013L .536.550.211.0 .9 TATEL 219 219 Z X' Element (X) •, No. Obs. Mean No. of Hours with Temperature ≥ 67 F Rel. Hum. 18185 83.0 7.588 1 32 F ≥ 73 F 1522571 219 1 0 F \* 93 F 63.2 6.496 60.2 6.659 58.0 7.429 34,4 Dry Bulb 684215 13943 219 3.8 9 3 802273 Wet Bulb 13175 219 93 7-8252 12693 219 10.6

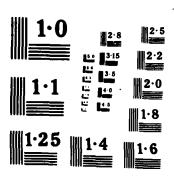
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USAFETAC POLICE





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SEGGAL CLIMATOLOGY FRANCH USASETAC AIR WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

722265 MAXWELL AFS AL 75-84

STATION STATION NAME YEARS MONTH
PAGE 1 1500-1700

PAGE 1 1500-1700 HOURS (C. S. T.)

Temp.									ATURE									TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pa
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C 108 0.26-5 (OLA) RUSTO

JSAFETAC 1000 0.20.5

3 GLOBAL CLIMATOLOGY GRANCH JSAFETAC AIR HEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

722265 MAXWELL 4FB AL 75-84 OCT
STATION STATION NAME VEARS MONTH

PAGE 2 1530-1700 HOURS (L. S. T.)

Temp.						WET	BULB '	TEMPER	ATURE	DEPRE	SSION (	<b>#</b> )						TOTAL		TOTAL	
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FORM 0-26-5 (OL.A) REVISED PREVIOUS EDITIONS OF THIS FORM

VETAC FORM 0.26

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

MAXWELL AFB AL

722265

## **PSYCHROMETRIC SUMMARY**

STATION			-	51	TATION N	AME								YΕ	ARS					MOR	ITH
																		PAG	E 1	1800	
Temp.						WET	BULB	TEMPER	RATURE	DEPRES	SION (	F)						TOTAL		TOTAL	
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74/ 73;	• 1	9	- 5	1.2	1.9	2.2	. 4	. 1	l	. 2								70	73	22	
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70/ 69		. • 5	1.9	2.5	2.4	2.3	. •	- 4	. 5								<u> </u>	104	104	44	7
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USAFETAC POR 0.26-5 (OLA)

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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

MAXWELL AFB AL STATION NAME OCI PAGE 1 2100-2300 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Buth Wet Buth Dew Point 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 =31 a2/ 81 80/ 79 • 6 6 76/ 75 74/ 73 .5 1.4 2.1 37 5 3 . 6 37 72/ 71 1.9 1.4 1.6 70/ 69 ·2 1.1 2.1 2.5 1.8 51 51 53/ 67 56/ 55 .9 4.3 1.6 53 31 29 50. 1.8 3.2 3.2 1.0 60 60 42 18 2.5 3.3 2.7 1.1 56 67 647 63 • 2 67 67 1.0 3.8 1.9 62/ 61 48 51 48 63/ 59 1.1, 2.4 1.3 1.9 1.3 54 51 58 55/ 57 . \$ 2.4 1.8 1.8 53 . 6 44 4 4 48 56/ 55 1.3 2.5 2.1 1.0 46 48 54/ 53 1.0 1.4 1.6 30 33 41 52 . 5 .5 2.2 1.9 1.0 .8 1.0 1.6 .3 52/ 51 47 50/ 49 23 23 46 28 46/ 47 .2 .6 1.4 32 39 27 42 44/ 43 42/ 41 34 40/ 39 38/ 37 19 36/ 35 5 32/ 31 .315.134.128.713.9 6.1 1.1 TOTAL 628 628 628 628 No. Obs. Element (X) Rel. Hum. 73.512.138 62.3 7.643 57.5 7.903 10F s 32 F ±67 F = 73 F + 80 F = 93 F 3484473 39151 628 9.0 29.8 Dry Bulb 93 2113991 36097 Wet Bulb 628 12.4 1.0 53.5 9.553 1855895 33609 Dew Point 628

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USAFETAC

GLOBAL CLIMATOLOGY RRANCH USAFETAC AIR WEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

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Dry Bulb		2159			410	60	50.5	10.	10.9		313		$\Box$	3.3	4	. 9					
Wat Bulb		906			384			10.1			13		$\Box$	6.2	1	•					
Dow Point		1672			356		93.9				13			16.1	<del></del>			7	$\overline{}$	$\overline{}$	

GLOGAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

722265	AM	XMEF	L AF	B AL	TATION N	ANE				75-	84			YEARS					N	O V
3.2.104				•	N. (44 N	-me								,			5.4.5			
																	PAG	1	HOURS	<u>-11an</u>
Temp.						WET	BUL 6	EMPER	ATURE	DEPRE	SSION (	F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	23 - 24 25	- 26 27 - 2	8 29 - 30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
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72/ 71		!	1.4		1.1	. 4	- 8	• 3		i	!					Ì	43	43	2	
70/ 59			2.3		1.1			•1	. 3							<del></del>	56	56		
58/ 67		. 4		1.2			• 2	• 2	1	ļ	ļ	( (	- 1		1	1	60	<b>6</b> B		
66/ 65			1.1				. 3			<b> </b>	- 1				<del></del> -	<del>-</del>	+ 5 <b>5</b> .	55		
64/ 63	• 2		1.5												1	İ	63	6.3		
62/ 61			1.2					. 8				$\vdash$	-			<del> </del>	56	56		
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Wer Bulb			-								$\neg$		+				<del>                                     </del>	+		
Dew Paint			+			-			_†_				<del>                                     </del>	$\neg + \neg$			$\vdash$	+		
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0-26-5 (OL. A) MYSED MEYOUS EBITOMS OF THIS

GLOBAL CLIMATOLOGY RRANCH USAFETAC AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

Temp.	Ţ				**	WET	BULB 1	TEMPER	ATURE	DEPR	ESSION	(F)			_			TOTAL		TOTAL	
(F)	0	1 - 2	3-4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	Dry Buib	Wet Bulb C	Dew Pair
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Dry Bulb			5141		529	91	59.1	9.7	23		97			.5		. 6	7.5	<del></del>	1		9
Wet Bulb		253	3022		468	76	52.3	9.6	95		97			1.9	6	. 3					9
Dew Paint		199	1705		907	202	45.4	12.7	13	- 1	97			16.0		. 7		1		[	9.0

SESPAL CLIMATOLOGY BRANCH USAFETAC ATR WFATHER SERVICE/MAC

722265

MAXWELL AFB AL STATION NAME

#### PSYCHROMETRIC SUMMARY ?

Mean No. of Hours with Temperature

= 67 F = 73 F = 80 F = 93 F

1 32 F

10F

VCM

45

15

PAGE 1 1200-1460 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 **(F)** 947 83 . 1 • 1 12/ 81 40/ 79 14 . 5 7 . 1 . 3 34 76/ 77 1.0 1.4 66 66 76/ 75 1.3 2-1 1-1 . 6 66 66 74/ 73 54 121 71 . 7 1.2 5 4 6 70/ 69 1 . 7: 84 34 38 69/ 67 .6 1.0 .8 1.1 • 1 8 56/ 55 . 6 . 8 42 62 62 66 54/ 63 • 6 . 6 1.2 • 9 2.1 64 64 72 29 75 39 50 57 50/ • 2 1.9 53 43 . 6 62 1.7 6.2 58/ 57 43 62 48 56/ 55 . 3 . 9 50 56 . 3 . 3 50 54/ 53 27 27 . 6 52/ 51 • 1 1.0 24 72 50 50/ 49 . 7 . 7 20 20 40 63 48/ 47 • 1 . 3 . 6 13 13 56 41 . 2 29 46/ 45 53 . 6 36 44/ 43 15 15 30 42/ 41 8 41 37 40/ 39 . 1 23 25 1 38/ 37 42 16 36/ 35 51 34/ 33 32/ 31 .1 53

**7**2

75-84

DBM 0-26-5 (OLA) REVISE MEVICUS EBITOMS

3u/ 29 2e/ 27 2e/ 25 24/ 23 22/ 21

20/ 19 16/ 17

Element (X)

Rel. Hum.

Dry Bulb Wet Bulb Dow Point Z x'



GLUGAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

#### **PSYCHROMETRIC SUMMARY**

722265 MAXWELL AFB AL 75-84 NOV
STATION STATION NAME VEARS MONTH

PAGE 2 1200-1400 HOURS (L. S. Y.)

Temp.						ME.	T BULB	TEM	PERAT	TURE	DEPRE	SSION	(F)						TOTAL		TOTAL	
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Rei. Hum.			7684		450	120		210	0.03	2		97	= 0	•	1 32 F	2 67		73 F	- 80 F	* 93	F 1	Total
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Wet Builb	•		1154		491				.17			97		$\neg$			1.1	.2		1	-t	
Dew Point			1039		900		44.					97		$\overline{}$	21.5		1		<del>1</del>	+		

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SLOGAL CLIMATOLOGY BRANCH JSAFETAC AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY &

722255 MAXWELL AFE AL STATION NAME <u>75-84</u> PAGE 1

Temp.								TEMPER										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	<b>2 31</b>	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 95								. 1			ĺ			1				1	1		
34/ 83		1						. 1	i .	.1				1				2		L	
32/ 81		1					• 1	. 3	. 2									6	6		
AJ/ 79				• 2	. 1	- 1	. 7	. 3		. 3	. 8				İ	i L		. 21	27		
74/ 77			,	i	. 3	. 3	1.3	. 9	.7	.7	• 2	• 1			1			4 1	41	Т	
76/ 75			• 3	• 9	. 4	1.6	1.6	. 7	. 4	. 4	• 2			<u> </u>				. 59	59	i	
74/ 73			?	• 8	. 7	1.2	1.1	. 8	. 4	. 3	• 2			İ	į		-	52	5 <i>2</i>	3	
72/ 71			<u> 2</u>	1.0	. 7	1.1	1.0	. 9	. 4	. 4	. 7					<u>.                                    </u>		. 58	5.3	<u>. 6</u>	
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55/ 67	• 2	• 1	1.3	1.0	. 4	1.3	1.2	. 6	. 9	1.2	. 3		i <b></b>			:		. 78			8
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Dry Bulb								ļ	$\rightarrow$				+		-	$\dashv$		+	+	+	
Wet Bulb						+-									-	$\dashv$		1	+		
Dew Paint								L							١			1	_1		

USAFETAC NOM 0.26-5 (OLA)

STUTAL CLIMATOLOGY GRANCH U AFETAC ATH WEATHER SERVICE/MAC

2265		- A W L	IL A		STATION	NAME				- <u>, ,</u>	-84			YEA	R\$				MOH	V C
																	PAG	ε 2	1530 HOURS (L	-175
																				. S. T.
Temp.		<del></del>	<del></del>	<del></del>						RE DEPI						20 - 0	TOTAL	D. B. I.	TOTAL Wer Bulb	D. D.
(F)	0	1 - 2	3 - 4	5 - 6	7.	9 - 11	0 117 -	12 13 -	14 15 -	16 17 - 1	8 19 - 20	21 - 22	23 - 24 2	5 - 26	7 - 28 29	. 30 = 3	1 0.00 4.0.	Dry Bulb	Wet Dulb	Dew Po
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SECRAL CLIMATOLOGY PRANCH SAFETAC ALR VESTHER SERVICE /MAC

#### **PSYCHROMETRIC SUMMARY**

737265 NO V PASE 1

TON.

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 3 - 4 5 - 6 75/ 75 74/ 73 .5 1.3 34 06 501 67 • 7 1.7 1.1 1.1 • 1 ≥6 5 1.7 1.9 .8 1.0 1.3 1.7 1.2 1.8 16/ 65 54 54/ 53 • 3 f- 1 64 21 32/ 51 30/ 59 57 57 64 44 56 55 64 5.7 -4/ 57 .7 1.3 1.3 2.3 <u> 5</u> 5 67 54 501 55 .9 1.0 1.9 • 1 1.0 5 € 56 46 52 4/ 5] •3 1 • 1 • 7 1 • 4 •7 • • 1 • 2 2 • 3 5 y 51 47 15 54 52 61 507 45 .6 1.4 1.7 1.7 <u>S 5.</u> 55... 37 .7 1.5 1.4 1.4 4 - / 47 . 3 46 47 1.2 7.2 .7 1.8 .6 .4 3.5 44 63 14/ 43 . 4. 39 39 58 56 +27 41 50 78 43 411 34 12 12 46 44 3 d / 37 10 / 35 36 46 74/ 33 13 40 327 31 47 38 20 16/ 25 13 13  $\frac{121}{211} \cdot \frac{21}{12}$ 12 6 1:/ 17 TOTAL 2.7 A.925.723.621.611.1 5.2 907 897 897 Element (X) •4 No. Obs. Mean No. of Hours with Temperature 66.615.180 57.1 9.360 897 Dry Bulb 3005349 51239 397 16.6 90 Wet Bulb 2447103 46091 51.4 9.377 897 1.5 3.1 911

Dew Point 40843 45.511.820 TO COMP SHOULD BE TOO

DEC AL COLMAN LOUVE FOR UNAFETAC ALE ASATON ROSENALS VIAL

USAF ETAC FORM 0.89 5 (OL A)

### MEANS AND STANDARD DEVIATIONS

HYPERLED TEMPERATURES DO FOR HOLDER OF MARKET CO.

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ჴ – უ ≂.						5 - 496	4.278	2.381	2.512	5.070	9.670			7.747
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GEGRAL CLIMATCLOGY SHANCH USAFETAC AIN WEATHER SERVICEZMAC

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et Bulb			4882		330			10.85		76				15.9		. 6			1		,
ew Point		122	7299		289	31	38.0	13.06	4	76	1			34.7	1	• 0					9

SUBSAL CLIMATOLOGY BRANCH UTAFETAC AIR WEATHER SERVICE/MAC

722265

MAXWELL AFE AL STATION NAME

#### PSYCHROMETRIC SUMMARY (

DEC

2100-2300 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dow Point 75/ 75 2 74/ 73 15 72/ 71 1.1 . 3 15 707 69 65/ 67 0 8 65/ 65 .4: 1.4: 54/ 63 .1 1.4 15 6 .9 2.4 1.1 627 61 35 <u>36</u>, 18 64/ 59 .5 1.8 26 24 12 24 53/ 57 . 3 1.6 23 36 25 . 3 55/ 55 .8 .7 1.2 1.3 1.6 28 39 46 46 .3 1.2 1.1 54/ 53 28 . 5 32/ 51 .8 1.2 . 9 1.2 16 17 50/ 49 2.6 1.8 1.3 1.1 55 3.7 <u>22</u> 40/ 47 .7 3.0 2.0 1.0 1.1 67 .4 .9 1.3 .9 46/ 45 37 37 62 34 44/ 43 57 57 46 38 .7 2.2 2.1 1.7 2.9 1.3 42/ 41 40 40 40 431 39 52 53 52 39 36/ 37 .3 1.3 3.2 1.3 42 4 6 46 1.1 1.3 2.6 76/ 35 42 56 41 34/ 33 33 33 38 38 32/ 31 1.1 28 46 30/ 29 49 281 27 24 26/ 25 24/ 23 30 14 22/ 21 20/ 19 15 14/ 17 27 16/ 15 18 14/ 13 12/ 11 13/ Mean No. of Hours with Temperature Element (X) Rel. Hum. s 32 F - 80 F - 93 F Dry Buib Wet Bulb Dow Paint

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AUS EBITIONS OF THIS FORM ARE OBSOILTE

NORM 0.26-5 (OLA) BEVISO

JSAFETAC PO

SCURAL CLIMATOLOGY BRANCH USAFETAC AIR HEATHER SERVICEZMAC

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STATION				5	TATION NA	AME								YEA	RS						
																		PAG	E 2	1800	-200
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Dry Butb			4399		392			10.7			72		<del>-</del>	2.3		. 7	2.9	<del></del>	<del>                                     </del>		9
Wat Bulb			0393		348			10.5			72		1	2.0	1				1		9
Dew Paint			3204		294	60	38.2	13.9	27	7	72			6.0		. 1		[	T -		4

SECRAL CLIMATOLOGY RANCH USAFETAC AIR MEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

722765 MAXWELL AFB AL 75-84 DEC MONTH
STATION STATION NAME
PAGE 1 SHORT-STORE

PAGE 1 1800-2000 Hours (C. s. t.)

Temp.						WET	BULB	TEMPL	RATUR	E DEPRE	SSION (	F)						TOTAL	!	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8					17 - 18			23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb		Dew Poir
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627 61		. 9	1.3	• A	. 5	. 6	N .		l.						1	1	7	3.2	32	31	10
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58/ 57	. 4		1.3						4	Ī	_			·	Ţ	T	1	32	3?	31	36
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52/ 51			1.7			1.4	):				_	l 		<u> </u>	i .		1	50	5 🥽	24	24
53/ 49		2.3	1.7	1.3	1.9	. (			<del></del>	1					1	1	!	62	62	31	28
41 / 47	- 4		1.3					1		i.		! .		1		<u> </u>	<u>.</u>	6.2	6.2	7 ]	30
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43/ 39	. 3				1.9							i		İ	<u> </u>	1		42		73	
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34/ 33		. 5	1.2				•	•							i	1		16	16	27	. –
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0-26-5 (OLA) RIVISO MEYOUS BORIGHS OF THIS FORM ARE OF

JSAFETAC 1000

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR HEATHER SERVICE/MAC

722265 MAXWELL AFB AL

### PSYCHROMETRIC SUMMARY

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3 SEGRAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

722265 MAXWELL AFB AL 75-84 DEC MONTH

PAGE 1 1500-1700 Hours (L. s. t.)

(E)

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 84/ 83 . 1 127 81 90/ 79 1 . 1 • 6 16 16 75/ 77 . 6 - 6 19 19 76/ 75 1.3 . 5 22 22 74/ 73 72/ 71 - 1 1.2 24 71/ 69 21 54/ 67 . 7 • 1 . 7 • 1 31 31 11 66/ 65 1.0 42 421 20 • 7 . 7 64/ 53 • 2 . 1 . 6 • 1 36 36 3 2 12 52/ 61 1.0 . 2 . 9 . 7 1 . 1 4 3 43 40 17 . < 50/ 59 • 2 • 5 .6 1.1 1.7 1.8 1.1 72 72 30 23 58/ 57 .1 1.2 1.3 48 1.3 1.3 1.7 56/ 55 • 1 - 6 60 60 28 43 547 53 54 52 54 33 . 7 52/ 51 1.2 . 3 2.3 1.3 52 52 32 27 50/ 49 1.3 1.2 1.6 . 6 52 52 28 1.2 1.3 45/ 47 1.1 . 4 72 • 6 46 46 39 . 9 46/ 45 1.7 39 74 <u>26</u> 31 . 9 44/ 43 • 2 34 34 42/ 41 .2 1.0 21, 72 28 40/ 39 . 1 -1 1-1 17 17 37 35 38/ 37 <del>31</del> ₹6/ 35 . 1 . 6 • 1 • 2 10 10 30 34/ 33 <u>29</u> 55 32, 32/ 31 . 4 19 30/ 29 28/ 27 11 37 26/ 25 24/ 23 28 22/ 21 20 20/ 19 41 16/ 17 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. s 32 F = 67 F = 73 F = 80 F = 93 F Dry Bulb Wet Bulb Dew Point

AL AL 0-26-5 (OLA) HENSID MENOUS BRITIONS OF THIS

GLUBAL CLIMATOLOGY BRANCH USAFETAS AIR WEATHER SERVICE/MAG

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Dow Point		157	7566		317		57.5	14.5	UBI		37			36.9		• •					9.1

3 GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

722265 MAXWELL AFR AL 75-84 DEC
STATION STATION NAME VEARS MONTH

PAGE 1 1230-1400

Temp.						WET	BULB '	TEMPER	ATURE	DEPR	ESSION (	F)						TOTAL		TOTAL	
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Wat Bulb									$\Box$				$\Box$					$L^{-}$			
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GLUPAL CLIMATOLOGY BRANCH USAFETAC AIN WEATHER SERVICE/MAC

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GLURAL CLIMATOLOGY RRANCH USAFETAC ATR REATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

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HAXWELL AFB AL STATION NAME PAGE 1 3900-1100 HOURS (L. S. T.) TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 32/ 81 70/ 77 • 1 • 1 7 76/ 75 10 12 74/ 73 14 14 72/ 71 . 5 68/ 67 20 -50 9 . 2 56/ 65 .5 1.4 23 2.3 14 64/ 63 . 5 23 23 18 ₹3 02/ 61 1.3 • 1 • 1: 33 . 6 19 1. 50/ 59 46 46 31 37 22 . 9 58/ 57 .2 1.1 1.3 . 1 • 1 40 40 21 56/ 55 . 3 • 1 41 41, 40 54/ 53 .4 1.1 1.4 31 . 8 527 51 .5 1.1 1.2 2.1 5 3 5 3 32 22 1.2 1.5 2.3 1.3 53/ 49 1 . 2 69 69 43 28 45/ 47 .2, 1.9 .8 2.1 1.8 . 5 67 67 45/ 45 2.1 2.3 1.7 1.1 72 72 6 D 31 44/ 43 1.4 7.8 1.2 59 59 63 40 42/ 41 1.7 2.0 1.3 • 1 65 46 46 48 2.0 40/ 39 1.2 1.3 47 47 65 38/ 37 1.4 25 . 4 25 68 38 36/ 35 1.9 28 52 55 34/ 33 • 5 41 327 31 . 8 . 7 121 29 . 1 . 6 32 28/ 27 37 26/ 25 31 24/ 23 22/ 21 1 23 18/ 17 22 16/ 15 20 Mean No. of Hours with Temperature Element (X) ≥ 67 F = 73 F = 80 F \* 93 F Rel. Hum. 2 0 F | 3 32 F Dry Bulb Wet Bulb Dew Point

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STURAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

MAXWELL AFB AL

#### PSYCHROMETRIC SUMMARY

DEC STATION 0600-0800 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 t/ 5 TOTAL 5.737.034.416.9 5.5 697 697 697 697 Element (X) ZX, No. Obe. Mean No. of Hours with Temperature 75.713.531 44.211.456 41.011.214 52755 30781 Rel. Hum. 4120381 1450697 697 697 2 0 F s 32 F = 67 F = 73 F = 80 F = 93 F Dry Bulb 14.9 3.1 93 1259264 28578 25.2 Wet Bulb 697 93 1.5 1053624 Dow Point 25542 36.613.000 697 90.3 93

0-26-5 (OL A)

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722265

SLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

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																		PAG	: 1	0600 HOURS (	
Temp.						WET	BUL B	TEMPE	ATUR	E DEPRI	SSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 16	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	D.B./W.S.	Dry Bulb		Dow Poi
76/ 75				• 1			† · · · ·											1	1		
74/ 73		ļ		. 4	. 3		ļ		<u> </u>		l				ii			5	5		
721 71	Ī		. 7	. 7				1										10	10		
70/ 69			. 4	. 1			<u> </u>		<u> </u>					ļ				4	4		
65/ 67	1	• 1		ĺ	ŀ			1	1	į				i				3	3	9	
66/ 65	i	. 3	• 7				L		·	<del></del>	<u> </u>			ļ			<u> </u>	9	9		
64/ 63		. 7	. 7	. 9	. 4	ŀ	ļ	!	ŧ					İ				19	19	5	1
52/ 61	,	. 4	. 7	<u> </u>	. 1		<u> </u>	<u> </u>	+	<del></del>	<u> </u>	1		i	1		-	9	9		
5u/ 59		2.3		!	l .	• 1	ļ	İ	•		1	1		}	j			27	27		1
56/ 57			1.3				<u> </u>	ļ	-	<del> </del>	<u> </u>			<del> </del>			-	26	26		1
50/ 55			1.7			!			!	1		ì l		j			i	36	36	;	3
54/ 53	- I	1.6	1.4	. 9		ļ	<del> </del>	<u> </u>	<del>-</del>	+	<u> </u>	ļ <del> </del>					L	31	31		
32/ 51			1.3		ì					1	İ			]				22	22		2
53/ 49		1.6	1.7	.9				<b></b> _	<del>}</del>	+	-			<b></b> -			<u> </u>	35	35		
48/ 47			1.4			1					İ			İ			i	3.5	35		2
46/ 45				1.3			<del></del>	ļ <u>.</u>	-	+	<b></b>	<del> </del>			ļ			45	4.5		
44/ 43						1	i				i							44	44		3
42/ 41	- 3	2.0		.6			ļ	<del> </del>	1	<del></del>		+ - +		<del>                                     </del>	ļ			34	34	+	3
		,		1	1		i				-						1	38		1	_
36/ 37	• 3	3.0	2.9			• 1	-	ļ	<del>∤</del>	<del></del>		<del>                                     </del>		<del> </del>	-			52 52	<u>52</u> 52		<u>2</u>
34/ 33		4.2					!											48	9 C	1 1	3
32/ 31	- 1	3.4				<b></b>		<u> </u>	-	<del> </del>		<del>├</del> +		<del>                                     </del>		-	-	5.3	53		<u> </u>
30/ 29	- 1	9					ļ											25	25	1	3
23/ 27	.7	1.0			<b>!</b>			<del> </del>	<del> </del>	+		+ +			-			14	14	+	3
26/ 25	.1	. 4	. 4	1		}											!	1 7	• 7		
74/ 23	- 1	- 3		<u> </u>	•	<del> </del>		<del> </del>	<del> </del>	+		┼┼		<del> </del>	<del> </del>			- 1		9	$-\frac{3}{1}$
22/ 21	• •	. 6	. 1			1	İ	ļ			l								Š		ž
20/ 19		. 3		<del></del>	1	_	-	_	<del> </del>	+	├	1		<del>                                     </del>	<del>                                     </del>			2			3
18/ 17		. 3			-	Ī												2	,		1
16/ 15		1		$\vdash$			<del> </del>	<u> </u>	$\vdash$	+		1 1		<del> </del>	<del>                                     </del>		<b>-</b>	1		5	
14/ 13	i				1					1											
12/ 11			•	<del></del>		<del>                                     </del>			<del>                                     </del>	+		<del>                                     </del>						<del> </del>		<del>  </del>	1
10/ 9																		1			•
Element (X)		2 1 '		<del></del>	Σχ	<del></del>	X	٠,		No. O	8.	<del></del>			Meen P	le. of H	ours wit	h Temperat	ure .	· · · · · ·	
Rel. Hum.				<u> </u>		$\neg$		† <u>-</u>				101	,	s 32 F	± 67	F	73 F	- 80 F	<b>► 93</b>	F 1	lete!
Dry Bulb				<b></b>				<b>†</b>			$\neg \neg$			****	1	$\top$			1		
Wet Bulb						_		İ	_							$\neg$			1	$\neg$	
Dew Point						$\neg$							$\neg$			1			<b>T</b>		

USAFETAC NOM 0.26-5 (OL A)

SEUBAL CLIMATOLOGY PRANCH USAFETAC ATH WEATHER SERVICE/MAC

MAXWELL AFB AL

STATION NAME

Z X

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98345

44275

40345

5002124

2664895

2273651

1934215

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73.513.257

53.6 9.952

45.011.461

#### PSYCHROMETRIC SUMMARY

NOV

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PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 76/ 75 1 -1 74/ 73 74/ 71 11: 11 73/ 69 .2 1.7 1.3 1.2 501 67 .6 1.8 1.0 1.3 44 44 18 3 1.7 1.7 56/ 65 54 22 54/ 63 1.7 2.5 1.3 56 56 56 18 52/ 61 1.5 2.3 1.1 45 53/ 59 .1 1.0 1.3 -8 1-0 42 73 43 42 53/ 57 .9 2.3 1.1 54 54 53 .9 2.1 1.7 50/ 55 • 1 6 2 6? 41 52 .7 3.7 1.2 54/ 53 48 38 52/ 51 ·8 1·0 2·1 1·2 1·0 62 45 50/ 49 .3 1.1 3.0 1.6 68 48/ 47 1.3 2.2 1.2 6 0 59 63 39 46/ 45 48 4.8 53 54 • b 44/ 43 .1 1.2 1.9 1.2 59 72 46 46 42/ 41 -4 1.6 1.8 57 50 40/ 39 .2 1.0 1.3 1.3 39 36 93 39 36/ 37 29 .2 1.1 1.6 29 54 • 2 36/ 35 44 54 6 . 5 34/ 33 22 41 32/ 31 10 10 41 . 4 30/ 29 28/ 27 25 26/ 25 26 24/ 23 10 22/ 21 20/ 19 18/ 17 ٠ TOTAL 3.219.437.921.912.8 4.1 896 896 Mean No. of Hours with Temperature Zz' No. Obs.

896

896

876

896

1 32 F

1.5

2.7

19.6

10.0

2.0

±67 F = 73 F = 80 F = 93 F

75-84

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722265

STATION

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

SECRAL CLIMATOLOGY RRANCH STAFETAD SERVICE/MAC

#### **MEANS AND STANDARD DEVIATIONS**

WETHRUES TEMPERATURES DES F FROM HOURLY DESERVATIONS

772755 MAXWELL AFO AL

	,	. 4					, , , ,							
STATION			STA	TION NAME						YEARS				
HRS (LST)		JAN.	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANNUAL
5 <b>-</b> ∟5	MEAN S D TOTAL OBS						4.717	73.6 2.570 210	2.952	6.672	9.223			54. 8.J2 127
-	MEAN S D TOTAL OBS		10.221		7.564	t • 200	4.525		2.893	5.574	d.5321		1.214	14.57
	MEAN S D TOTAL OBS	75 • 1 1 • • 5 5 5 9 7	13.135	52.2 9.554 930	7.247	5.465	4.245	75.5 2.863 923	2.792	0.175	7.671			
	MEAN S.D. TOTAL OBS	1227	9.501	5.673	b . b · .	4.211	3.431		2.154	5.51-	777		• 4 2 3	51. 13.45 1787
. , -17	MEAN S D TOTAL OBS	1.345	9 . i c	4.673	5.413	4.584	3.601		2.799	5.454	7.171	4.2 4.7		_
1 -27	MEAN S.D. TOTAL OBS		4.103	.794		1.14	3.974	2.75e	2.774	5.774	7.550	1.4 7.3771 577	• 5 1 7	
	MEAN S.D. TOTAL OBS		4.41	3.5 7.175 -63		4.540	5.982	2.676	2.541	5.958	7.973	47.4 7.7441 396	J . 8 . 4	14.22
	MEAN S D TOTAL OBS				•	-•			•					
ALL HOURS	MEAN " S D TOTAL OBS		9.440			5.757	4.414	3.199				51.6 9.6541 5297		58. 14.07 6325

USAF ETAC FORM 0-89-5 (OL A)

ULUFAL CLIMATOLOGY PRANCH ULAFETAC AIR AFATHER SERVICEZMAC

#### **MEANS AND STANDARD DEVIATIONS**

DEN-POINT TEMPERATURES DEG F FROM HOURLY UPSERVATIONS

7º2265 HAXMELL AFE AL

75-85

STATION NAME YEARS STATION HRS (L.S.T.) 65.2 68.8 63.6 61.5 52.3 62.6 s D. 7.429 5.791 3.518 3.598 3.38813.302 9.603 TOTAL OBS 217 214 218 219 212 194 1276 50.3 59.3 66.3 70.1 69.8 62.5 52.4 43.9 36.6 29.5 34.7 43.2 `v-()3 5 D 13.76912.59212.102 9.477 7.153 5.716 3.411 3.311 8.151 9.98511.42313.000 TOTAL OBS 765 369 854 93 890 926 929 400 ¥1₫. = 13 30.7 35.7 44.5 51.0 59.0 66.7 71.3 71.1 64.3 53.4 45.4 37.7 MEAN 14.62413.24412.65610.497 7.576 6.254 3.554 3.475 7.95710.57812.71313.501 S D. --11 16.981 TOTAL OBS 927. 387 849 930 399 935 891 923 930 900 397 71.1 35.3 43.8 50.0 70.4: 10.4 53.4 52.9 44.6 37.9 MEAN 58.9 65.5 1 - 14 SD 15.03213.35912.91110.709 7.899 6.378 3.628 3.606 7.75911.01213.62514.506 10.937 931 891 885 849 930 910 921 <u> 930, 930, 927.</u> 89**7.** 837. 10690 MEAN 30.3 34.5 43.2 49.6 70-9 34-9 43-2 49-6 58-6 64-8 69-6 69-7 62-8 52-4 44-3 37-4 14-84613-38413-09010-602 7-735 6-439 3-797 3-852 7-60410-94313-41214-571 51.8 13-17 SD TOTAL OBS 987 847 930 900 <u>9</u>30 890 912 930 899 927 897 916. 10765 71.7 35.7 43.8 53.8 50.6 59.4 65.7 69.9 70.1 63.5 13.55412.39612.244 9.691 7.292 5.964 3.445 3.535 7.595 9.76911.32013.427 1 -27 50 16.232 TOTAL OBS 891 3P1 840 923 381 919 976 928 899 927 697 13664 30.6 35.8 44.4 50.9 59.8 66.3 70.0 75 . 1 63.2 53.5 45.0 38.0 "1-23 SD 13.19912.28911.816 9.100 6.990 5.397 3.250 3.291 7.564 9.55311.46113.064 TOTAL OBS 606 594 604 62C 600<sub>1</sub> 673<sub>1</sub> 696. 761 MEAN TOTAL OBS 63.21 53.1 44.6 59.2 65.8 73.2 14.19912.89312.53010.067 7.484 6.091 3.594 3.611 7.83510.37012.46513.723 5 D 16.620 HOURS 5261 5410 5310 544d) 5297 472bu 5215 4989 5445 5205 5464 5486

USAF ETAC FORM 0-89-5 (OL A)

GLUSAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### **RELATIVE HUMIDITY**

722265	MAXWELL AFB AL	76-85	JAN
STATION	STATION NAME	PERIOD	MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY C	REATER THAN	ı		MEAN	TOTAL
MONTH	(LST)	10%	20%	30°∘	40%	50%	60°.	70°∙	80°∘	90%	RELATIVE	NO. OF
JAN	p <b>o-o</b> 2	<del></del>	+	<u> </u>	<u> </u>	<u> </u>		<u> </u>			ļ	ļ
	u3-05	<u> </u>				<u> </u>						
	p6-08	100.0	100.0	100.0	98.4	92.4	79.6	62.2	43.7	16.5	74.9	794
	09-11	100.0	100.0	98.8	89.2	72.8	56.4	39.6	26.7	9.4	64.8	887
	12-14	100.0	99.5	86.3	65.0	48.3	34.5	25.7	15.2	5.1	53.8	888
!	15-17	100.0	99.3	84.8	60.7	44.5	33.0	25.3	15.3	4.8	52.5	887
ļ 	18-20	100.0	130.0	98.2	86.4	68.2	49.5	35.8	21.2	7.6	62.4	881
	21-23	100.0	100.0	99.7	94.1	82.6	65.0	45.8	27.8	9.2	68.1	878
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r — ———	ļ	-	ļ	<u> </u>				ļ			-	
i I	-	- <del> </del>	ļ	<del> </del>	ļ	ļ	ļ	ļ				
1. <del></del>	·					-				<u></u>		
10	TALS	100.0	99.8	94.6	82.3	68.1	53.0	39.1	25.0	8.8	62.8	5215

USAFETAC FORM 0-87-5 (OL A)

GLOPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### **RELATIVE HUMIDITY**

122265

MAXWELL AFB AL

STATION NAME

76-85

FEB

STATION

PERIOD

MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	r		PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY C	REATER THAN	·	_	MEAN RELATIVE	TOTAL NO OF
MONTH	(L S.T)	10%	20%	30%	40%	50%	60°.	70%	80%	90°∘	HUMIDITY	OBS.
FEB	00-02		<u> </u>									
	03-05									ļ		
L	06-08	100.0	100.0	100.0	99.1	94.4	83.4	63.3	36.9	10.7	74.5	765
	09-11	100.0	99.9	97.9	86.9	68.0	47.9	30.7	17.4	4.5	61.1	849
<u> </u>	12-14	100.0	99.1	78.2	56.9	39.6	25.8	18.3	10.6	3.8	49.0	849
	15-17	100.0	97.4	70.6	49.5	33.8	24.6	17.9	10.6	3.8	46.6	847
	18-20	100.0	100.0	97.1	77.1	55.6	37.9	26.2	13.9	4.3	57.1	840
	21-23	100.0	100.0	99.9	93.7	77.6	61.6	40.9	21.6	6.0	65.8	839
	ļ											
TC	DTALS	100.0	99.4	90.6	77.2	61.5	46.9	32.9	18.5	5.5	59.0	4989

USAFETAC PORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### **RELATIVE HUMIDITY**

7 22265 STATION MAXWELL AFB AL

STATION NAME

75-84

PERIOD

MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	:		PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY C	REATER THAN	l		MEAN	TOTAL NO OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	OBS.
MAR	00-02				ļ							
	03-05		-			-	-			ļ		
	06-08	100.0	100.0	100.0	98.7	94.1	81.7	64.1	35.9	8.5	74.3	869
	D9-11	100.0	100.0	97.7	81.6	62.3	46.8	29.5	13.3	2.6	59.1	930
	12-14	100.0	99.2	79.1	55.9	39.4	25.3	16.8	6.3	.6	47.8	930
	15-17	100.0	98.5	72.3	49.1	36.3	24.6	16.7	8.3	1.1	46.1	930
	18-20	100.0	100.0	94.0	75.9	56.3	38.9	24.2	10.2	2.9	55.8	923
	21-23	100.0	100.0	99.8	94.7	81.8	62.8	38.7	17.6	4.5	65.7	863
												-
		-		-								
10	TALS	100.0	99.6	90.5	76.0	61.7	46.7	31.7	15.3	3.4	58.1	5445

USAFETAC PORM (11 64 0-87-5 (OL A)

SLURAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### **RELATIVE HUMIDITY**

722265

MAXWELL AFB AL

STATION NAME

A

MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN	I		MEAN	TOTAL
HINOM	(£ \$ 7)	10%	20%	30%	40%	50%	60%	70%	80°-	90°∘	HUMIDITY	NO OF OBS
PR	po-02	<u> </u>	·		ļ			ļ		ļ	ļ	
	03-05	1	<u> </u>			ļ			ļ			
-	p6-08	100.0	100.0	100.0	99.3	94.4	90.8	58.1	34.0	6.8	73.1	854
_	D9-11	100.0	100.0	95.6	77.5	57.3	36.0	22.1	10-1	1.8	55.7	899
	12-14	100.0	99.3	76.2	52.1	32.6	20.3	12.3	5.9	1.0	45.7	900
	15-17	100.0	98.4	70.6	49.3	29.4	18.2	10.6	6.2	.6	44.1	900
	18-20	100.0	100.0	96.8	79.2	56.4	35.4	18.4	9.6	1.4	55.3	881
_	21-23	100.0	100.0	99.6	97.1	87.3	67.2	37.6	15.3	3.2	66.3	771
			· .			ļ.,						
	·							ļ <u>.</u>		<u></u>		
	· •		 									
70	OTALS	100.0	99.6	87.6	75.8	59.6	43.0	26.5	13.5	2.5	56.7	5205

USAPETAC POMM 0-87-5 (OL A)

SLURAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### **RELATIVE HUMIDITY**

722265 STATION

3

MAXWELL AFB AL

STATION NAME

75-84

PERIOD

MAY

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	CY OF RELATIV	E HUMIDITY C	REATER THAN	i		MEAN	TOTAL
MONTH	(L <b>5</b> T.)	10%	20%	30°.	40%	50%	60°•	70%	80°.	90°.	RELATIVE	NO OF OBS.
MAY_	00-02	<u> </u>	+	-	ļ	-		<u> </u>	ļ	ļ	<u> </u>	ļ }
	03-05	100.0	100.0	100.0	100.3	100.0	98.6	95.0	66.7	11.9	83.0	219
	D6-08	100.0	100.0	100.0	100.0	97.5	89.1	72.5	39.0	4.8	75.7	930
	09-11	100.0	100.0	99.1	89.2	69.7	44.1	21.7	7.2	.5	58.8	930
	12-14	100.0	100.0	91.8	68.8	43.4	21.8	10.6	3.9	1.0	49.8	930
	15-17	100.0	100.0	90.8	67.5	42.9	23.4	11.9	5.4	.6	49.9	930
	18-2C	100.0	100-0	98.9	91.4	74.0	48.2	25.7	10.0	1.5	6D.5	919
	21-23	100.0	100.0	100.0	99.3	95.0	82.7	54.3	22.9	2.0	71.0	606
	ļ		<del> </del>	<del></del>	<del> </del>		<del> </del>	<del> </del>		<del> </del>		
	ļ			<del> </del>		<del> </del>	1	<del></del>		<del> </del>		
	•		-	-	-		<del> </del>				-	
	)TALS	100.0	100.0	97.2	88.0	74.6	58.3	41.7	22.2	3.2	64.1	5464

USAFETAC FORM 0-87-5 (OL A)

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### **RELATIVE HUMIDITY**

7	22265
	STATION

MAXWELL AFB AL

75-84

JUN

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY C	GREATER THAN	1		MEAN	TOTAL
MONTH	(L S.T.)	10%	20%	30%	40%	50%	60°	70%	80°.	90°.	RELATIVE HUMIDITY	NO OF OBS
אטע	00-02	ļ	_						_			
	03-05	100.0	100.0	100.0	100.0	99.5	96.7	87.4	68.2	17.8	82.7	214
	06-08	100.0	100.0	100.0	99.8	97.6	89.0	71.5	37.8	4.7	75.3	890
<b></b>	09-11	100.0	100.0	98.8	92.3	73.7	43.4	15.4	3.8	•2	58.3	891
	12-14	100.0	100.0	95.1	75.0	41.8	17.2	6.7	3.0	• 2	49.5	891
	15-17	100.0	99.9	92.5	68.5	39.2	20.4	12.1	4.6	.3	49.4	890
	18-20	100.0	100.0	99.2	90.6	73.7	48.3	27.3	11.1	•2	60.7	891
	21-23	100.0	100.0	100.0	99.5	95.6	81.3	57.2	22.7	1.7	71.3	594
					<u> </u>							
								ļ.,,				
romana .	. 1000 02000											
10	TALS	100.0	100.0	97.9	87.4	74.4	56.6	39.7	21.6	3.6	63.9	5261

0-87-5 (OL A)

SLURAL CLIMATOLOGY BRANCH USAFETAC AIR HEATHER SERVICE/MAC

### **RELATIVE HUMIDITY**

7 2 2 2 6 5 STATION MAXWELL AFB AL STATION NAME

TION NAME

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JUL

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTA	GE FREQUENC	CY OF RELATIV	E HUMIDITY C	REATER THAN	١		MEAN	TOTAL
	(L S.T)	10%	20%	30%	40%	50%	60%	70%	80%	90°₀	RELATIVE	NO OF OBS
אוור	po-02	ļ			-	-			ļ	ļ		•
	p3-05	100.0	100.0	100.0	100.0	100.0	99.5	93.1	67.4	20.2	93.9	218
	D6-08	100.0	100.0	100.0	100.0	99.6	96.4	82.6	48.9	10.7	79.3	926
	09-11	102.0	100.0	99.9	98.9	88.6	63.3	31.3	10.2	1.1	64.7	923
	12-14	100.0	100.0	99.7	89.3	59.5	32.8	13.0	3.7	.8	55.6	921
	15-17	100.0	100.0	99.5	86.5	55.5	37.4	21.8	9.1	1.3	56.6	912
	15-20	100.0	100.0	99.9	97.1	85.2	66.1	43.6	21.0	4.2	67.5	906
÷	21-23	100.0	100.0	100.0	100.0	98.8	89.2	72.2	36.9	7.3	75.9	604
	•		<b></b>	ļ	ļ	ļ				ļ		 
	<b>.</b>	<u> </u>			-	<del> </del>		ļ	<u> </u>	ļ	ļ	
		ļ	<del> </del>	1	1	ļ	<del> </del>					
	- <del> </del>		-							-		
· ·	DTALS	100.0	100.0	99.9	96.0	83.9	69.2	51.1	28.2	6.5	69.1	5410

USAFETAC PORM UL 64 0-87-5 (OL A)

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### **RELATIVE HUMIDITY**

7 22 26 5 STATION

MAXWELL AFB AL

75-84

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTA	GE FREQUEN	CY OF RELATIV	E HUMIDITY C	REATER THAN	l		MEAN	TOTAL
MONTH	(LST)	10°	20°-	30%	40%	50° •	60°₀	70°•	80°°	90°.	- RELATIVE HUMIDITY	NO OF OBS.
A U.5	00-02	<u> </u>	<b>-+</b> -	<u> </u>	<u> </u>							
	03-05	100.0	100.0	100.6	100.0	100.0	100.0	97.7	79.9	26.9	85.9	21
	p6-08	100.0	100.0	100.0	100.0	100.0	99.7	92.7	60.3	10.2	81.7	92
	D9-11	160.0	100.0	100.0	99.5	94.4	69.9	30.2	7.2	1.0	65.8	931
	12-14	107.0	100.0	100.0	95.1	69.6	28.5	8.0	1.9	•2	55.8	931
	15-17	130.0	100.0	100.0	93.9	64.0	32.7	17.0	7.0	1.3	57.0	93
	19-20	100.0	100.0	100.C	99.8	93.9	75.8	46.9	19.4	2.8	69.4	92
-	21-23	100.0	100.0	100.0	100.0	99.8	97.6	80.6	41.5	5.5	77.8	62
	•									<u> </u>		
	<b>+</b>			<u> </u>		+	<del>                                      </del>		<del> </del>			
<b>-</b>	·											
	TALS	100.0	100.0	100.0	98.3	88.8	72.0	53.3	31.0	6.8	70.5	548

USAFETAC 0-87-5 (OL A)

SEURAL CLIMATOLOGY BRANCH USAFETAC ATR HEATHER SERVICE/MAC

### **RELATIVE HUMIDITY**

MAXWELL AFB AL STATION NAME

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY C	REATER THAN	ı		MEAN RELATIVE	TOTAL NO. OF
MONIH	(LST)	10°	20°-	30%	40%	50°∘	60°∘	70%	80°-	90°.	HUMIDITY	OBS
S E P	po-02	<del></del>	_									
	p3-05	100.0	130.0	100.0	98.1	97.5	95.8	84.9	55.7	6.1	79.6	212
	p6-08	100.0	100.0	100.0	98.7	97.4	93.1	77.9	43.3	6.1	77.2	900
	09-11	100.0	100.0	99.7	93.2	80.1	51.8	26.8	8.3	• 6	61.6	900
	12-14	100.0	99.8	96.2	76.7	48.9	25.4	11.1	4.6	• !	51.8	900
	15-17	100.0	99.8	94.8	74.7	47.6	29.5	17.7	5.7	• 2	52.5	899
	18-20	100.0	100.0	99.9	95.1	85.2	62.6	39.0	16.9	2 • 1	65.7	899
	21-23	100.0	100.0	100.0	98.7	96.7	87.7	61.8	27.5	3.5	72.9	600
_												
·												
ŤC	DTALS	100.0	99.9	98.7	90.7	79.1	63.7	45.6	23.1	2.7	65.9	5310

USAFETAC

SUCPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### **RELATIVE HUMIDITY**

122265	MAXWELL AFB AL	75-84	001
STATION	STATION NAME	PERIOD	MONTH

#### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

момін	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN	•		MEAN RELATIVE HUMIDITY  8 D	TOTAL
	(LST)	10%	20%	30%	40%	50%	60∘.	70°。	80	90		NO OF OBS
CT	DO-02	-	<del></del>			ļ		ļ	¦ - <del> </del>	•	<del>-</del>	
	03-05	100.0	100.0	100.0	100.0	99.5	97.9	B4 . 5	57.2	8 • 2	80.	1
	p6-08	100.0	100.0	100.0	99.9	98.6	92.8	80.3	47.5	7.8	78.5	918
	D9-11	100.0	100.0	98.9	88.6	69.1	45.3	25.4	12.0	1.5	59.8	927
	12-14	100.0	99.5	86.8	61.7	36.0	19.4	12.4	5.7	• 6	48.0	921
	15-17	100.0	99.1	87.7	63.6	38.4	21.7	13.3	8.3	1.2	48.9	927
	19-20	100.0	100.0	99.5	96.7	84.7	61.7	36.5	16.8	3.6	65.5	927
	21-23	100.0	100.0	100.0	99.4	95.9	85.5	61.8	30.6	5.6	73.5	678
	+	-		-						-	· ••••••••••••••••••••••••••••••••••••	
	· +					+					<del></del>	• =
	DTALS	100.0	99.8	96.1	87.1	74.6	60.6	44.9	25.4	4.1	65.0	5442

0-87-5 (OL A)

SLUPAL CLIMATOLOGY BRANCH USAFETAC ATA WEATHER SERVICE/MAC

### **RELATIVE HUMIDITY**

722265 STATION

3

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MAXWELL AFB AL STATION NAME

PERIOD

#### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN RELATIVE HUMIDITY	TOTAL NO OF
MONTH	(LST)	10%	20°•	30°°	40%	50°₀	60°∘	70°.	80°	90		OBS
NOV	po-02	· -•	- <del></del> -	ļ		<u> </u>	ļ	<u> </u>			-•	
	03-05		•			_			ļ			•
	p6-08	100.0	100.0	100.0	100.0	97.9	92.1	78.4	44.8	13.0	78.5	613
	09-11	100.0	79.8	98.1	88.6	73.0	53.3	33.7	17.1	3.2	62.4	897
	12-14	100.0	98.9	82.5	62.7	43.8	29.5	17.1	8 . 4	1.9	50.2	897
	15-17	150.0	99.0	84.2	66.3	44.7	31.3	19.7	11.4	3.1	51.6	897
	19-20	100.0	100.0	99.9	95.8	85.2	62.2	39.9	19.2	5.5	66.0	897
	21-23	100.0	100.0	99.9	99.3	93.8	93.3	60.8	31.4	7.8	73.5	896
		•	' -+		ļ	ļ		ļ	ļ	† <del> </del>	<del>-</del>	•
	• -		<u> </u>				ļ	ļ			1	
		+	· · · · · · · · · · · · · · · · · · ·		<b></b>		ļ	ļ	ļ	ļ	· <del> </del>	
,		-									<u> </u>	
T	DTALS	150.0	99.6	94.1	85.4	73.1	58.6	41.6	22.1	5 . 8	63.8	5297

USAFETAC 0-87-5 (OL A)

SEL MAE CETMATOLOGY PRANCH JEAFETAC ACH REATHER SERVICE/MAC

#### **RELATIVE HUMIDITY**

172265

MAXWELL AFE AL

75-84

DEC

STATION

STATION NAME

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY C	REATER THAN	!		75.7 63.4 51.3 51.4	TOTAL
MONTH	LST	10	20%	30°-	40%	50°∘	60°°	70°°	80%	90		NO OF OBS
PEC	ha-as	•		-+	·					:	<del>-+</del>	
	D 1-05				<u> </u>			· 		: 	<u></u>	•
	D6-08	100.0	100.0	100.0	99.3	95.6	85.7	66.7	43.7	12.2	75.7	697
	L9-11	100.0	100.0	99.3	91.2	76.9	52.8	33.5	17.8	5.1	63.4	843
	12-14	103.0	99.2	89.0	66.2	44.9	26.2	16.6	9.9	4.4	51.3	837
	15-17	100.0	99.3	#6.F	65.9	44.9	27.5	18.9	9.9	4.5	51.4	816
	18-20	100.0	100.0	99.4	93.8	76.8	52.7	33.4	14.4	4.9	63.3	772
	21-23	100.0	100.0	100.0	98.9	91.1	70.2	50.9	24.0	6.8	70.1	761
			· · ·									•
		- <b>•</b> · -	 		<u> </u>							
,	,	· =						<u> </u>				
<b>t</b> :		 										
	DTALS	100.0	99.8	95.6	85.9	71.7	52.5	36.7	19.5	6.3	62.5	4726

USAFETAC FORM 0-87-5 (OL A)

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OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

#### PART 5

### PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations station pressure and sea-level pressure by month and annual for the local hourly observations correspond to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overperiod is limited by service as indicated below.

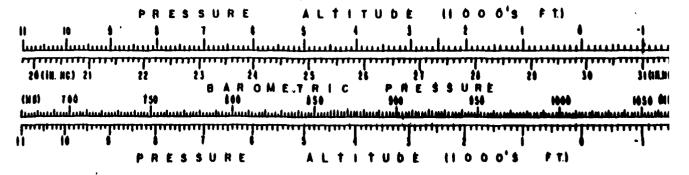
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure.

- 1. Station pressure is presented in the table in inches of mercury,
- 2. Ses-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressurealtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithson Meteorological Tables.



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### **MEANS AND STANDARD DEVIATIONS**

STATIOM PRESSURE IN INCHES HE FROM HOUPLY DESERVATIONS

TOLOGO MAXWELL AFE AL

75-85

STATION	1		STA	TION NAME						YEARS				
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP.	ост	NOV	DEC	ANNUAL
	MEAN													
*;	S D													
	TOTAL OBS								• • • • • • •		·		-	
					4		•						-	
	MEAN S D													
	TOTAL OBS													
	, IOIAL OBS	-						•		•	•		-	
	MEAN	724.300	129 <b>.</b> 934	20 200	- 4 6 74	 76 874		29.854	29.265	 26 HE1	ינים פר	دويت ود	15.955	79.8
_	S D	2			•152		.J85		. 373		.12	.146	•183	• 1
	TOTAL OBS	1						310			-		167	
	•	<u>-</u>	. • ′ ′,	A 14	. 5. 7.					200.	2.4.	£ & 2.		
	MEAN		25.976	29.501	29.874	29.825	29.851	29.674	29.387	29.574	29.943	9.974		29.5
. ~	5 D		.195				.386			•115		.153		
	TOTAL OBS	_ 2°6	283	ن 31	1299	31.	297	310	710	300	310	279	261.	3 0
								<u> </u>					_	
	MEAN	24.959	29.944	29.847	29.643	29.835	29.825	29.348	29.358	29.842	29.8952	79.9233	79.964	29.6
1 .	S D	-271			•155	•113	•096	-371	-	•156		•155	•184	• 1
•	TOTAL OBS	200	283	310	<u> 300</u>	310	297	310	310	300	373	299	279.	3.6
								1-2					· •	
1 -	MEAN S. D.		29.883	1										79.6
1	TOTAL OBS	•109	- ,	. 190			1			• 0 9 E		• 143	.178	• 1
	. TOTAL OBS	297	283	210	3co	310	291	307	310	300	<u></u>	<u>2.9</u> .9,	275.	36
	MEAN	29.931	29.893	29.795	79.785	29.746	29.774	29.799	29.876	29 - 4000	29.863	9.497	.0.965	29.8
1 -	S D	.196			.147		1		1			.143	.177	• 1
-	TOTAL OBS		280		300			1		300				-
	•													
	MEAN	24.95	29.918	29.830	29.516	24.783	29.677	29.834	29.846	29.835	29.893	9.9217	9.965	29.6
. 1	\$. D	.109										.145		• 1
	TOTAL OBS	233	250	370	2 € 3	373	297	303	310	300	379	299.	. 254.	35
		1. #	·						<u></u>					
ALL	MEAN		29.924											29.0
HOURS	S D.	•505					t		1	•105		• 150		- 1
	TOTAL OBS	1691	1623	1789	1736	1853	1782	1343	1960	1200	1845	1712	1517	215

USAF FTAC FORM 0.89.5 (OLA)

